

ASTRO-METEOROLOGICA,  
OR  
APHORISMS  
AND  
DISCOURSES  
OF THE  
Bodies Cœlestial,  
THEIR  
NATURES and INFLUENCES.

DISCOVERED

From the Variety of the Alterations of the Air, Temperate, or Intemperate, as to Heat or Cold, Frost, Snow, Hail, Fog, Rain, Wind, Storm, Lightnings, Thunder, Blasting, Hurricane, Tuffon, Whirlwind, Iris, Chafme, Parelj, Comets their Original and Duration, Earthquakes, Vulcano's, Inundations, Sicknefs Epidemical, Maculæ Solis, and other Secrets of Nature.

Collected from the Observation at leifure times, of above  
Thirty years ; by J. GOAD.

*The Lord Reigneth, — Clouds and Darknefs are round about Him, — A Fire goeth before him, — His Lightnings enlightned the World, the Earth saw and TREMBLED, the Hills melted like Wax at the Prefence of the Lord. Pfal. CXVII.*

*Seek ye the Lord, who maketh the Seven Stars and Orion, — That calleth for the Waters of the Sea, and poureth them out on the Face of the Earth, Amos V.*

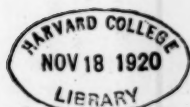
*Who removes the Mountains, and they know not ; Who shakes the Earth out of his place, — Who commandeth the Sun, and Seals up the Stars, — Whom maketh Arcturus and Orion, and the Pleiades, and the Chambers of the Southern Constellations, — Who doth GREAT things past finding out ; yea, and WONDERS without number, Job IX.*

*Ἐἰς πᾶσαν τὴν γῆν ἤλθεν ὁ βορρῆα ἑρηνῶν, καὶ εἰς τὰ πέρατα τῆς οὐρανῆς τὰ φῆματα αὐτῶν, Pfal. 19.*

L O N D O N,

Printed by J. Rawlins, for Obadiab Blagrove at the Black Bear in St. Pauls Church-Yard, over against the Little North-door, 1686.





*Harrar fund*

To the Most Potent and Heroick Prince

# JAMES the II.

O F

Great *Britain, France* and *Ireland*, KING,

Defender of the Faith, &c.

Most DREAD Sovereign,

AFTER Your Majesties Miraculous Access to the Imperial Crown of these Realms, in Peace and Awful Silence; After your Glorious Endeavours to Illustrate your Crown and Kingdom, and make the *English* NAME Legible to all our Gazing Friends and Neighbour Nations; it needs an Apology to interrupt your Great Tendencies and Designs with a Piece of Paper-Skill, of any pretended Treatises of Science. But Great SIR, our Argument is as High as the Outward Courts of Heaven, and Noble withal, since the Greatest Princes Coats of Arms are emblazoned by our Planets. These Papers, like your Majesties Royal Mind, are not confin'd within the Limits of the *Britannick* Shore; but to shew their Usefulness, they are bound for the *East*, for the *West*, for the *South*, and for the *Frozen Sea*. They aim at the account of a Fair Wind, and a Storm, a Thundring Tempest, and a Resistless Hurricane, and this, all the World over. They inquire into the Nature of *Vulcano's*, Flaming Mountains, which being accompanied

## *The Epistle Dedicatory.*

nyed often with Earthquakes, are as so many Sea-Marks, to warn the Mariner that he comes not Ashore. So the Subject may not be Unworthy of your Majesties Able Commanders, that they may bring and re-bring their Cargo's safe to their desired Port. Specially since we adventure to search the Nature of Currents at Sea, that they may be no longer Impediments un-accounted for; When the deluded Vessel shall find she's stolen back so many Leagues of her Voyage, maugre a stiff Gale at her Stern. What tends to Navigation, leads to Empire, or to Fame at least, and Remark; in case your Undaunted Royal Spirit shall be content with the Hereditary Dominions of your Crown. This I reflect on with Comfort, that this Essay, I cannot say, bask'd in the Sunshine; but, when time was, it had the Glorious Fate to be enlivened by a Glance at least of your *Royal Brother* of most happy Memory. Nor can I be diffident of your Majesties Sweetness and good Liking, when according to my Low Station, under, and with your Royal Scepter, I aim at the Publick Good, Praying the God of Heaven, whom you Religiously and Devoutly Worship, to impart the Blessings of Heaven, the Blessings of Earth, and the Blessings of the Deep on your State and Dignity Temporal, and after a Long and Happy Reign amongst your Loyal Subjects, who only understand the Blessings of Monarchy, to re-Crown your Royal Head, in the Temple not made with Hands, his Eternal Kingdom. So Prayeth your Majesties most Humbly Devoted Subject, and Daily Orator,

J. GOAD.

To

---

---

T O T H E

# Favourable Reader.

**P**HILOSOPHY, I hope, will never be out of date, neither Natural nor Moral, because they are Lights that lead us, the one, to admire the Divine Nature, the other to follow it. In Natural Philosophy the Planets and the Meteors teach their part in Letters writ in Light, (brighter than Gold, as more Noble) and therefore visible to the Vulgar, who all believe a Celestial Power, because they see it; This being admitted, They are fairly invited to give heed to the other more Spiritual Light, which sheweth Good and Evil in their Colours. I never found, but that Contemplation of the Heavens conduced to the First, and therefore must manuduce to the Second. A Showre of Rain, and a Fruitful Season is a good Proof for a Good God; and a Pealing Storm of Thunder, is a Sermon from Heaven; the Voice of God, and not of Man: Such a row-sing Lesson may shake even an Epicurean into a Religious Horror; much more the plainer Vulgar, who are happy in this, that they have no blind acquired Biass to counter-sway them from the belief of a Deity. The Holy Text is full of what I say. The Poetick and the Prophetick Books ring of Astrology, and the Doctrine of the Sphere. I could have filled my Title-Page with Testimonies. The Verses of the Holy Arab are a Compendium of these Papers. I confess I had a Fancy for these Contemplations from my Youth, but I hope I should not have followed them, Recreations though they were, but that the Holy Text enflamed me thereto: For I always had (ἐν ἀρεσκίῃ λέγω) a Love for Holy Writ. The Alteration of the Air comes home to our Doors, and the Causes sometimes shine in at our Windows; If an Influence of Sol, Mercury, Mars and Saturn, &c. were as commonly known to the Husbandman or Seaman, as the No-vi- and Plenilunar Influence, how familiar would our Resent-

ments



---

To the Reader.

---

ments be of God's good Providence, how frequent would be the occasions of Discourse thereon, what Advantages to Religion in its Devotional part, from the Terrible Meteors, in its Love, Gratitude, Admiration from the more Blessed Constitution! But the unlucky Principle of Mechanism amongst the Learned, and of Nature (in the Brutish Notion) amongst the Vulgar, hinders our Wish. But I hope this our Principle is so much the more prizeable, that it clearly evacuates that Intrigue. And is it not pity that a Forcain Mode of Philosophy, though transient with the Age, should debauch the present Generations, defraud us of Arguments for God's illustrious Providence, (urged so many Thousands Years ago) and unbinge us from the Knowledge of the Creator, who is Visible and Palpable to us every 24 Hours. Wellfare therefore those Philosophers of our Age, who made it their business to appear against Cartesius, Dr. H. More, Dr. S. Parker, and Others, to whom, in my poor Opinion, Religion, and the knowledg of the Creator is indebted. We are Superstitious (forsooth) if we are troubled at a Comet, because 'tis Natural; It may Portend, for all that. They deny Apparitions of Armies; Wherefore? because they can give no account of them. They may deny as well a Showr of Rain, for any account they can give, why it falls, with the Circumstances of hic & nunc. Our Philosophy reaches those very Circumstances; because we study God, and His Motions, the Accesses, Recesses, Stations, Respects of those Moveables which He bath Cloathed with Light, least we should say, He hid such Knowledge from us. Therefore, tell me good Friend why it Rains now, why every quarter of an Hour? (for so it haps sometimes) Why it Snows in Summer, and Thunders in Winter. Prognosticate by your Mechanisms what shall be Seven Year hence. Nay, if there be a Natural Divination, then there is a Providence, then there is a God, then there is a Law of Nature settled, which he who is Skill'd in, obtains the Gift of a kind of Prescience. So does Hippocrates foretel the Fate of his Patient; an Arab, a Comet, and Thales, an Eclipse.

This Knowledge I have endeavour'd to settle, and to render it perspicuous, which must require some Prolixity, where the Mountain of a Common Prejudice is to be removed. Yet I will

not

---

To the Reader.

---

not justify my self, I might have been more contract perhaps; I may add, that I was never inclined to study the Arabs; I fetched not this Knowledge from them; When I saw I was engaged to consult them, I knew here was a Meum & Tuum even among them, so I gave them their due. I have often apologized in the following Papers for the Length of the Diaries inserted. I labour'd to find the utmost of the Planetary Communication, which I have shewn to be large. That is the chief thing I pretend to, and I hope, if it brings its Conviction, it will be kindly accepted. To conclude, I wish the Reader a discerning Spirit in all Truth he pursues, not only in this, but in a more Celestial Philosophy. So far am I on all accounts his unfeigned and absolute Well-Wisher,

J. GOAD.

---

The

---

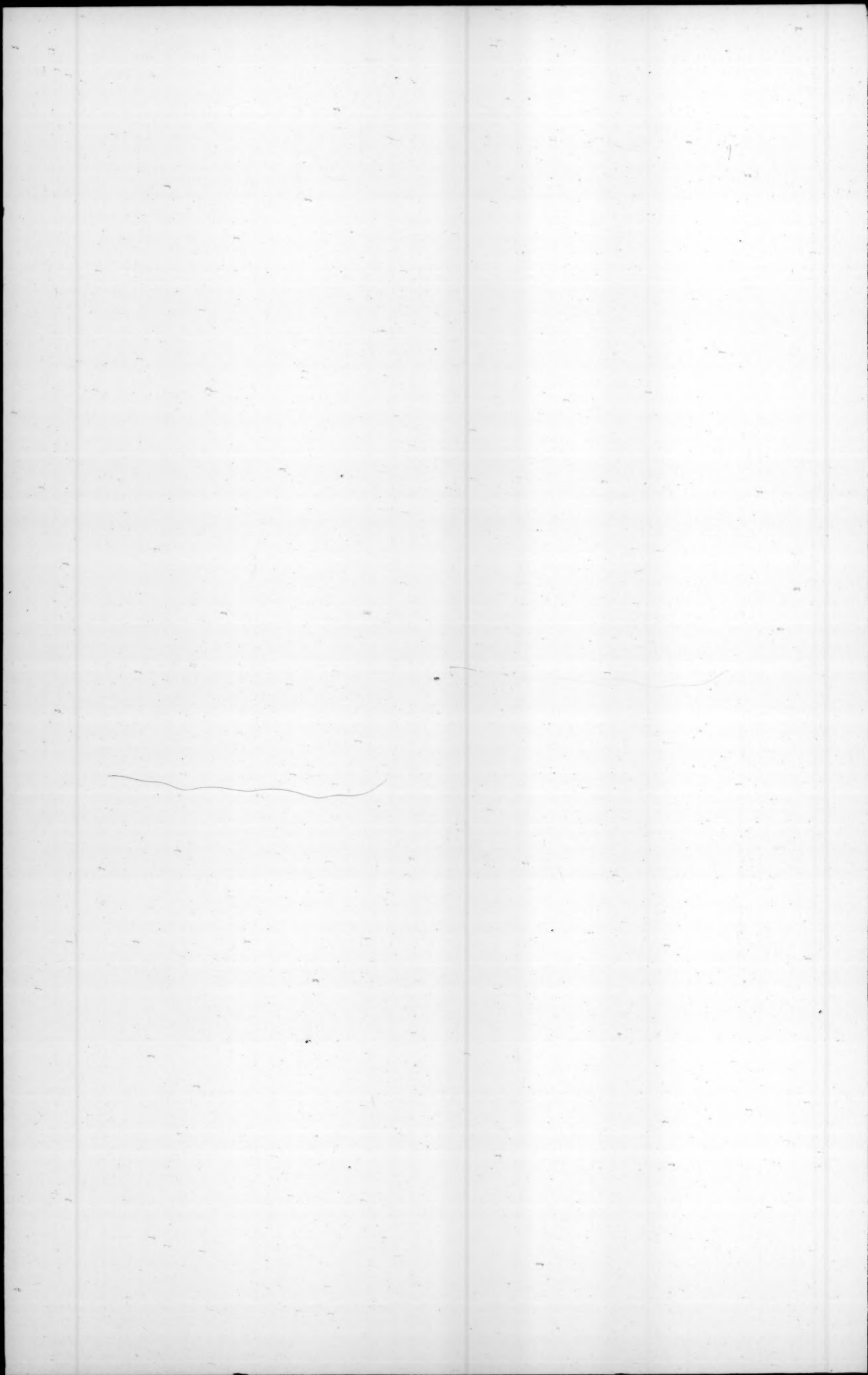
The Characters, which are made use of in the following Papers, are thus explained.

Planets.		The XII Signs of the Zodiack.	
Saturn	♄	Aries	♈
Jove	♃	Taurus	♉
Sol.	☉	Gemini	♊
Mars	♂	Cancer	♋
Venus	♀	Leo	♌
Mercury	☿	Virgo	♍
The Moon	☾	Libra	♎
Aspects.		Scorpio	♏
Conjunction	♌	Sagittary	♐
Sextile	♍	Capricorn	♑
Quartile	♎	Aquary	♒
Trine	♏	Pisces	♓
Opposition	♐		

A l. ante lucem. A. m. ante merid. m. p. most part. d. t. die toto. T. M.  
Terra Motus, or Earthquake. R. Retrograde. Dir. Direct.









## ASTRO-METEOROLOGICA.

### APHORISMS and Discourses concerning the Natures of the Bodies Celestial, &c.

#### BOOK I.

##### CHAP. I.

*God the First; His Second Cause the Heavens. Their admirable Power on the Sublunary World, on the Air especially. The Causes of Meteors ordinary, or prodigious. Angelick Powers.*

§. 1.



OD Almighty, the Great and Wise Creator, Blessed for ever, (for no legitimate *Astrology* can exclude Him) is not only in Himself, but even in his Works, Incomprehensible.

§ 2. Amongst His other infinitely various Operations, He is admirably discovered in the constitution of the *Air*, and its strange Vicissitudes; which the Divine Word unquestionably produceth by a Second inferior Cause, or Generant.

§ 3. The Theatre, on which these Alterations are hourly acted, being the open Air, Mankind hath more easily arrived at some little Apprehension of this Second Cause, the Region in which they are presented being so neer and pervious.

§ 4. As reasonable as it is to believe, that the *Sea* comprehendeth all the Seminal Causes of Her Productions, and the *Earth* of what is bred in Her Bowels also; so natural is it to imagine, that the Heavens are not Idle, but rather give Spirit and Influence to all things under their Convexity, viz. the Air, and its Regions, with the Globe of Water and Earth, These being but *minor* Orbs, all inclosed within the vast Embraces of the *major*; even as the *Fœtus* is embraced by the Womb, and the Membranes that are agnate to it.

§ 5. The World therefore in all Ages hath been convinced, that the Heavens have no small Power on the premises, and every Body within their respective Inclosures.

§ 6. On the Air especially, and its *Phænomena*, the Meteors, (as they are distinguished vulgarly into) Real or Apparent.

§ 7. Of these latter, none go about to deny, that the Heavens are the due *Efficient*, whether *Halo's*, *Rainbows*, *Parelia*, *Paraselene*, *Chasms*, Clarities Nocturnal, the Morning and Evening-Blushes of the Heavens; to which may be added the rarer appearance of its seeming Conflagration, unless That prove rather to be Real.

§ 8. But no less are they the due Effective of the former, the Real ones, (though some Well-meaners would fain deny it) whether Clouds, Rain, Mist, Dews, Fiery Trajections, *Ignes fatui*, Lightning, Thunder, Blasting, Frost, Snow, Hail, Winds.

§ 9. And of All these, whensoever they happen, whether in Measure or Excess,

Ordinary or Prodigious; and they again whether *Homogeneous*, (such as those Dire Tempests called of old *Ecnephia*, *Exhydria* *Fistula*, *Plin. hist. nat. II. 48, 49.* (known amongst us by the names of *Sponts*, *Huracans*, *Tornados*, *Travados*, &c.) or *Heterogeneous*, as the Rains of Dusts, Ashes, Milk, Blood, &c.

§ 10. No other is the Cause, after all that can be disputed, of that great *phænoménon*, the Comet, and That not only Sublunar, but Celestial.

§ 11. The same also is most justly acknowledged the Cause of the *motion* of the *Sea*, its Ebbs and Flowes, which some great Artists would pin on the motion of the Earth, others on the inward Principle of the Element.

§ 12. Yea the Heavens (though it may seem to be no less than a Contradiction) are to be admitted Causes of *Earthquakes*, Meteors (as they are rightly called) of the Subterranean Region.

§ 13. Powers *Angelical*, Good or Evil, are no Causes solitary, or such as do evacuate the proper Causality of the Heavens.

§ 14. Stormy Winds therefore, which are harmful to Countrey or Province, are no Arguments (whatsoever the vulgar are perswaded) of Sorcery or Conjuratation.

§ 15. Hereby it is not intended to deny that Spirits can raise or bestow Winds or Tempests, and that, it may be, by Arbitrary means, though I see some are willing to excuse *Lapland* from such Inditement.

§ 16. Showers of *Stone*, *Dust*, *Ashes*, *Blood*, *Corn*, &c. which I call Prodigious, out of kind, § 9. are generated first in the Air, (not elevated thither by any violent natural Spirit, as some think,) so that if they may be fairly imputed to an Angelick Administration, yet neither can the Heavens be wholly excluded.

§ 17. Concerning prodigious Showres of Creatures *Animate*, as *Frogs*, &c. although the more probable Opinion saith they are generated in the Region from whence they fall, yet here I am not engaged to undertake.

§ 18. Noises and Apparitions of *Armies*, with Military Equipage and Tumult, can at no hand exclude an Angelic, and that a Principal Cause.

## CHAP. II.

*Meteors, their Material Cause, and that there is an Earthy Exhalation. The Air considered. All Meteors reducible to Heat and Cold, as their Efficient; the Nicety of their Degrees. An account of the Natural Prognosticks of Weather: they all prove that Heat is the cause of Rain, and the Heavens Dominion over Moisture. Concerning Hail, Snow, Mist, Lightning, Comet, Blasting. No phænomena casual. Wind, its cause is not rarefaction, or condensation, but celestial Impulse. The Body of the Heaven, as distinguished from the Stars, signifies nothing.*

§ 1. **M**eteors Real, whether Aërial or Subterranean, as to their Cause *Material*, consist of Water, Earth, (Simple or Compound) Fire, and their Expirations; these in the depth of the Earth, those in the heights of the Air, as far as the reach of the *Atmosphere*.

§ 2. For that the Earth also is resolved into Exhalation, is evinced from the Thunderbolt, yea from the Nitrous and Sulphureous Ingredients into (the wild-fires Celestial) Lightnings. Add the forementioned Rains of Stones, Ashes, Corn, &c. nay every Fog is so fuliginous, as to bear witness, a Fog which sometimes casts it self into Threds or Ropes, and by the warmth of the Sun furls up into Gossamere.

§ 3. The Body of the Air seems not to be the Resolution of Terrestrial or Wattry Exhalations, but is rather distinguished from Both as their Subject or *medium*, even as the Water is distinguishable from its Impurities, or from the saline Spirit that inhabits the Ocean.

§ 4. For

§ 4. For the whole Expansion, Aerial and Æthereal, is one homogeneous Body, differing only in Warmth or Cold, Purity or Impurity, according as it is nearer or remoter from the Earth and Water.

§ 5. Of it self, as it seems neither hot, nor moist, nor cold, &c. but capable of all:

§ 6. So distinguished is the Air from the Water, that Neither can be converted into the Other, the four Elements, vulgarly called, being, as I deem, Incorruptible: in as much as, although God the Creator was pleased, as *Moses* seems to say, to make the Air out of Water; yet it may be true notwithstanding, that no Natural Agent can turn it back into the same.

§ 7. Meteors Real, as to their *Efficient Cause*, are naturally reducible to Heat or Cold, and their Activities; Frost, Snow, Hail, to the later: Lightning, Rain, Clouds to the former.

§ 8. Winds also have no other *Aëolus*.

§ 9. Here it is to be remembred, that degrees of *Heat* and *Cold* are of a minute and nice distinction, our grosser Sensories being not always competent Judges; for we see Rivers in depth of hardest Winters, reserve some Heat, where Fish subsist, and scalding Liquors admit some degree of Cold, (as when their Æstuation is calmed by a little cold Infusion,) and yet remain scalding still.

§ 10. As nice also may be the consideration of *Dryth* and *Moisture*; for as the Coals of dry Fewel, taken from the Furnace, burn quick and bright; so from moist Fewel they glow obscurely, as if they were not as yet rid of their pristine, though adventitious, Moisture.

§ 11. *Warmth* is the instrumental Productive of Cloud and Rain. This is witnessed by the Southern Winds, which bring Both; by Thaws in Winter, which are always cloudy, seldom dry; by the ingrateful Savors, most hot against moist Seasons; beside the convincing testimony of the Thermoscope.

§ 12. The Survey of the usual *Prognosticks* of Rain, from Fire, Water, Animals, Inanimates, do all argue the same Original of Rain, viz. Heat Celestial, and its Consequent, Moisture, with the secret Impressions of Both on the Creature.

§ 13. In Animals, the usual Noises observed against weather, as in the Raven, the Crow, Cock, Goose, Owl, Peacock, the *Pimlico* in the Hist. of *Virginia*, a Bird so called from her note, (too sure a Prophet, saith Captain *Smith*, of Wind and Weather,) Swine, Frog, &c. their crowing, screaming, croaking, &c. argue not any miraculous Divination in the Creature, but only protest the sensible disquiet and alterations that are felt by them at such times.

*Haud equidem credo, quia sit Divinitus illis*

*Ingenium, aut rerum fato Prudentia major:*

*Verum ubi Tempestas &c. Vertuntur species animorum;* the Poet himself was so cunning. *Georgic. 1.*

§ 14. Further arguments of such Alterations; are the Water-fowls leaving the Element, flocking together or betaking themselves farther into the Country; the poor Earth-worm creeping from his bed; the flying or springing of the *Loligo* (the Cuttle-fish) they speak of, the playing of the Dolphins in the waters, all not brooking their own Element, That and their Bodies being alike disturbed.

§ 15. To say little of their Stomachs or Appetites extraordinary, Birds coming late from Feed, yea the contemptible Fleas or Flies more notably stinging, i. e. biting or sucking, are hence reckon'd for Prefages.

§ 16. The forced motions and postures of Creatures argue the same, as when Cattel are seen skipping odly up and down *indecorâ lasciviâ*, as *Pliny* calls it, as if twitch'd or pricked by some shooting or ach in their Limbs, (as vexed by some pain) tearing their Litter.

§ 17. Which pains some Creatures endeavour to help, the Beast licking the Hoof, or against the Hair, the Bird picking and pruning its Feathers, some persuing themselves with water, or flying so neer (the Swallow, and Sea-mew) 'till they dew



their Wings point; the House-cat washing her Head with her moistned Foot, the Oxe snuffing aloft into the Air, all as it were for refrigeration-sake of their Blood or Spirits, cooling the little Feavers perceived therein.

§ 18. The poor Ant hiding himself or removing his Eggs, the Shelfish sticking close to the Rocks, or ballasting it self with Sand, shew a kind of natural Prudence, but no Prophetick Divination, in as much as first they find the Alteration of their bodies, before their Instinct teacheth them to provide for the consequent.

§ 19. And as to Presages from the Water, whatsoever the Ancients speak of the murmuring of the Sea at hand, or the noise on the Shore side, the bubbling or swelling of the Sea without noise (witnessed by all Sea-faring men,) the appearance of the Froth broken or divided, these all betray the Dominion of the Heavens on the Water, and a disturbance rais'd by the Celestial Warmth.

§ 20. Verily, the *Dominion* on the Water, is as large as that seen in the Air, the Prognosticks from Animals being grounded principally on the Alterations of their Natural Moisture. And if any Presages are drawn from Plants, as the Bristling of the Trefoil &c. hither it may be reduced.

§ 21. I do not mention the Sweating of Walls or Glasse, which may arise from the continual Appulse of the moist Atome floating neer the chill *superficies*; but *Plinie's* Instance from the Larder, when a Dish which hath been used at Table, leaves a Sweat on the plate whereon it was reposit, argues some consent of the Ambient's moisture with the moisture of the Esculent; on which account also Wood swells, Wainscot cracks, Viol-strings snap asunder, and we also, as other Animals (no better, nor worse) are disquieted with the Excrecencies of our Feet, swelling and shooting against Weather, yea the Paroxysms of the Gout, and sundry other Ailments observed in the Hospital of our Bodies, remember us thus of superior Alterations.

§ 22. Yea farther, all the Prognosticks taken from the Fire it self, do note (which may be strange) some Dominion over Moisture, the Celestial Action terminating not on the Flame so much as the Fuel, or the Body inflam'd: hence comes the little diminutive sparkling of the Candle, the spitting of the Fire from under the Embers, the puffing and murmuring of the flaming Coal, the concretion of Sparks and Knots in the Snuff (*Lucernarum fungi*), the Adhesion of Embers to the Hearth, of the Live-coal to the Pot-side; all betokening some Alteration of the Moisture, which betrays it self by concretion of things contiguous, or by that little sparkling at the approach of the Flame, which at other times burns quier, and calls for no Observation. He that pleases may consult *Aratus*, *Virgil*, *Pliny*, *Plutarch*; of the Neotericks, *Fromond*. & *Vossius de Idololatr.*

§ 23. *Rain* and *Wind* therefore, for they are not often severed, or their existence to Warmth.

§ 24. And 'tis manifest, whether *Hail* reduceth it self, being the congelation of Rain. As for *Snow*, 'tis of a nice *crasis*, strangely consisting of a congel'd vapour, and some little degree of a warm Spirit, which helpeth to resolve the continued congelation, and make it fall into wafers.

§ 25. Hence what is commonly observed, whensoever it snows, the Air remits of his rigor; and again, the greater is the Fleece, the warmer is the Air, and more bordering on a Thaw.

§ 26. Next, the *Mist* also belongeth to Cold, seeing it is a vapor, part moist, part fuliginous, congel'd; just as the breath of our mouth by the Cold of Winter, is a visible Mist. Mists therefore do not arise from the Rivers brink, as is commonly reckon'd; but the Vapour, which before rose invisibly, being congel'd, descends, and by continual aggregation or conflux, puts on a visible consistence.

§ 27. *Lightning* and *Thunder* need no Herald to derive their Pedegree from Heat Celestial.

§ 28. *Comets* Celestial have their consistence also from Expirations Celestial, taking it for granted, that the Sublunar consist of Expirations Terrestrial, mingled with Celestial, and inflam'd thereby.

§ 29. *Blitz*

§ 29. *Blite* and *Blasting* in some cases proceed from Heat, as when Fruits are prejudiced by Lightning, or burning Winds, such as the East-winds are reckon'd in Holy Writ.

§ 30. Again, it oftentimes proceeds from Cold and Hoar-frosts, as *Pliny* rightly with our Husbandmen define, happening with us about *May, June*, yea in *April, March*, whensoever the Spring is obnoxious to the injury by its unhappy forwardness.

§ 31. Of all these there is not the least piece of a *Phænomenon* that is casual in respect of the Heavens, (though the Learned *Kepler* can allow it,) but the Heavens are conscious of its Original.

§ 32. Nay, as we shall see, there is not the least puff of Wind (though a Reflexion of a Blast indeed may be termed Casual) but is Heaven-bred, if we speak of the direct issue.

§ 33. Howbeit so great and various is the inconstancy of the Winds, especially with us on Shore, that the Knowledge is abstruse and difficult, though neither so pure a Contingent, but that it may be lur'd to the Rules of Art.

§ 34. Seeing *Wind* (that we may come to its *Definition*) is nothing else but the motion of an Earthy dry Exhalation, and that moved not by Condensation; or its own Gravity, but by Impulse from Celestial Heat.

§ 35. Some great Authors philosophize otherwise, That Wind is made by *Rarefaction* and a *Condensation* succeeding, the Air condensed tending downwards, and acquiring its violence by the heights of its descent. But 1. wheresoever it hapneth that there is such Condensation; as in Clouds, Dews, Mists, hazie Air, Frosts, there would be always some sense of Winds stirring; but many Clouds and hazie days are calm, yea nothing is more hush't oft times than a Frost or Mist, or more still and silent than the Dew. 2. Winds are indifferent to all Seasons, Winter, Summer, to all Weathers, to all hours of the Natural Day, none have their *Quietus*es from it, nor Sun-rise nor Sun-set, Mid-day nor Mid-night; it owes not therefore its Existence to Rarefaction and Condensation, seeing all Hours, Seasons, are not indifferent thereto; for in a Cloudy day, what place is there for Rarefaction? In a bright hot Summers day, what condenseth? 3. Here let the *Etesian* speak: hath not benign Nature provided that refreshing Air for the Æstival heat? and doth not it rise at 9 in the morning, when the Heat increaseth; and cease again at 4 in the Even? 4. Whatsoever may be said in Spring and Autumn, for the vicissitudes of Rarefaction and Condensation, how comes Winter, which even hath its denomination from Wind, to be so unquiet, when there are no such sensible vicissitudes? Nay, how doth Wind rise in Winter nights? It cannot be said that the Night condenseth what the Day hath rarefied: Alas! the Day was all benumbed in Frost, and the windy Nights often introduc'd a Thaw. How doth the colder Season rarifie, how doth the warmer Season condense? 5. Upon this *Hypothesis* the Wind would blow to, not from the Points of the Compass, and to many Points at once, viz. coming from the Sun as from the Centre; for the Air, even as Water, rising up in a Conical tumor; when rarefied, upon the recess of the Sun, while it condenseth and recovereth its Gravity, must needs fall indifferently from the *vertex* to all parts of the Circumference, where it is not hindred: i.e. to the East, North, and South (at least,) if not to the West; but the Wind blows not several ways at once, nor is confined in the least, but tends indifferently from the Sun, and to the Sun, and on each side of the Sun through all the Points of the Compass.

§ 36. Again, Condensation can give no account of the Winds violence, no not the thousandth part of its rage and fury; as when it is known to rift up Trees, demolish Buildings: for admit the descent of Air to be as forcible as the descent of Water, though there is some difference sure, especially if Air be rarer than the Water by a 1000 degrees; yet this will not prevail, for in *Noah's Flood* it self, the Cataracts of Heaven did not beat down the Trees; as appears by the Story.

§ 37. 'Tis said, that all Heavy Bodies, the further they descend, the more violence they acquire; this is true in Bodies that have their fixed Dose of complete Gravity disproportioned to the *medium*, as in Stones, Metals, &c. and this by virtue of their Generation; but in Condensation 'tis otherwise, the Body is not condensed at an instant, all at once, but at leisure, and by gradual alteration. Proportional thereto must the Gravitation be, and as the body condenseth, so must it subside in the same measure, according as the Applications of the Causes condensing are gradual: for as for instantaneous Applications of such Causes, it will be hard to assign any. Again, from whence should the condensed Air descend? from the lower Region? then we should be to seek for the Violence, the Term *à Quo* being so near. If from the upper, the condensed Air would find its *Equilibrium*, as the Clouds do.

§ 38. Nor doth the Wind make Overture, that it observes the Laws of Gravity; for then the latter end of the Blast would be most vehement, as falling from the greatest height, whilst its *prodromi*, the antegredient part of the Exhalation would give notice of the vehemency to be expected by its proportional degree of force; and men, whose interest it is to observe, would be able to pronounce the minute of its Approach. But we find it not so: a Fret of Wind is often quick and sudden, and gives no notice of any such Fear. Truly neither is the Hurry of the Wind accountable by Gravity or Density, the motion whereof is so arbitrary, so voluntary, so indefinite, Here, there, every where, right forward, round, upward, with such stops and pauses, and interruptions of the Spirit, starting again of a sudden into fresh tumults and riot, unless we can find such infinite variety of Rarefiers and Condensers, and that as the *hypothesis* defines it, from the Sun alone. What if sometimes Wind, however it may gravitate, descendeth not, but ascends rather from the Horizon toward the Meridian? and of this even the Boyes Paper-Kite is some evidence, which feels great impulses of wind upward when in the height, while the Attendants below being becalmed, almost wonder at the difference.

§ 39. Wind therefore is caused by Impulse, and the Impulse of an Exhalation distinguished from the Air, as the common Opinion rightly sets it, the Contents of the Air being distinguish'd from the Continent: and 'tis a noble Argument of *Fromond's*, that is drawn from the Affinity with the *venti procellosi*, those impetuous All-wasting Whirlwinds and Hurricanes, which have the invincible force of Lightning in them; and the *impetus* is the same, instantaneous, not bearing down things before it (as Flouds do Bridges) by perpetual pressure, but all at once. Now Lightning is an Exhalation to be distinguish'd from the Air, even as Light, or Heat, or Odour, or Moisture; nor can the Air be defin'd a *Colluvies*, or Miscellany of all, but must be defin'd, prescindig from all Admissions that are extraneous to it. And me thinks our Ear tells us as much, for so like a Showre doth this Exhalation drive on the leaves of Trees, that we often suspect it rains, when it blows only. Wind being no quantity of continued Air, no more than a Showre is of continued Water.

§ 40. This Exhalation is most part Terrestrial; for not to urge the Height of such Mountains as reach beyond all Territory of Wind, by being so remote from the Vale, *Fromond* from *Acoffa* asks whence Winds are more vehement on or near Shore, unless because of the plenty of such Earthy Exhalations, and the stronger Reflexions of the Heat Celestial, agitating (the direct Ray being at no hand excluded) those dry *Effluvia*. But secondly we argue thus, Wind is a Dryer, even as Frost a Cooler, Dryer, a Whitener, to this the Landreds will bear witness. As sure then as Frost is a Terrestrial Exhalation, so sure is Wind. Hence the more the Wind blows in the Night, the less is the Dew.

§ 41. And Wind is generated in the Macrocosm, as in the Microcosm; what causeth Wind in the Stomach or Intestines, but a crude Spirit raised from the resolution of the Aliment, driven up and down by the vital Heat? what Meats are generative of Wind, but such in which a Crude Spirit is predominant? I reckon therefore



fore the Hot Wines, Seeds, Spices, &c. do expel and banish Winds out of our bodies.

§ 42. For why we should deny with *Fromond*, to one contrary the Faculty expulsive of the other, I see not. I find Fire to spit at the infection of Salt or Water. A drop of water falling into a Cruse of melted Metal, disperses it about the Room: and the Apple on the Hearth is a plain and safe Experiment, which having received the contrary igneous Spirit, ejects its Pulp, and oft times with such a wind as is seen to puff away the adjacent Embers. There can be no strife of Contraries, no Antipathy explicated, without such Expulsive faculty, or, which is all one, *fuga contrarii*.

§ 43. Hence Winds which accompany the Reverse of the Sea, blowing from the West, such as we are taught are found in Latitude 43, if they have no dependance on the Heavens (on which all other Blasts are confessed to depend) but on the Stream, are legitimate no more than the wind of a Cannon-ball, or the *L-land* Gale, or the Reverse of the Water is a legitimate Tide.

§ 44. The four Cardinal Winds are thus defined; the East and West blow from certain opposite Points or Arches of the Equinox, the North and South not from their Poles, but from the opposite points of the Meridian.

§ 45. The properties of the four Cardinal Winds cannot be universally stated: yet on this side of the World in all habitable Climes, where the Division obtaineth, and whereabouts they were first denominated, the South and West are warm, the North chills, the East cools, then the South or West warmer than the North; and this on the Heavens part.

§ 46. Wind theretore, as all its Fellow-Meteors, dependeth on the Heavens, and that in the manner aforesaid. By the Heavens we mean the Glorious Contents, not one or two but all the Celestial Bodies, yea all the Host of the Fixed Stars that shine in the Firmament.

§ 47. For the Heavens, as distinguished from the Stars, have no Operation occult or manifest.

### CHAP. III.

*The State of the Air not usually uniform. The Difformity is admirable.  
The Cause.*

§. 1. **T**HE State of the Air is not uniform in all places, no not of the same Kingdom, Province, County; but is strangely different as to all manner of Weather. *Kepler* gives notable Instances in the useful Book of his *Ephemerides*, Anno Christi 1621, &c. they of *Germany* seeming most pleased with these Contemplations.

§ 2. Storm prodigious with Rain at *Vienna*, at *Ratisbon* onely is a Fog. Fearful Tempest in *Bavaria* in *Suevia*, June 4, 5. and Hail on the other side of the *Rhine*, where *Spier* is situate, June 6. but at the *Rhine* it self a perfect Drought the whole three dayes. This was Anno 1621. In like manner, Anno 1629, in *May*, dieb. 13 and 14. the Corn was lost by Flood in *Silesia*, contrary in *Poland* and *Liesland* all perished by Drought. More of this nature may be had from *Kepler* aforesaid, from *Fromond*'s *Etesian* Table compar'd with *Kepler*'s *Ephemeris*, from *Eichstad*, and others. But what need? when common Attestation of wayfaring men daily witnesseth this Difformity. When upon conferring Notes, at time of year, we had no Snow here saith one, no Fog saith another at our Town, no Rain, no Thunder; and as for Hail, you shall seldom hear of two, though little, Distances of place, that will agree in its Admission.

§ 3. We acknowledg this Variety is admirable, when God Himself hath pleas'd to give it as a remarque of his Power, that He causes it to rain on one City, and not on another, that which our Eyes in a beautiful prospect are sometimes witness of.



But sober Philosophy is not confounded at the Contemplation of this wonder, as the *Astrologer* Himself was, who observing once at *Tubing* some Heat, and a little Rain onely, but elsewhere, lower in the Countrey, *Tonitrua horrida*, breaks out into this self-killing Conclusion, *frustra istas Meteororum formationes à positu Astrorum exigas*. *Kepler. Ephem. Anni 1625, ad mens. Jun.* Philosophy is rather excited to give some account of the Divine Power and Wisdom, which though invisible in themselves, are, and in all Ages of the world have been, discoverable by such contemplation and scrutiny.

§ 4. Wiser therefore was the Conclusion of the same good man, who upon the like collation of the various Constitution of the Heaven, at *Lusatia* first observing only black Clouds, and at *Glogaw*, scarce a days journey from thence, having had intelligence of terrible Thunder, spake like Himself, in Wonderment, but not Confusion, *Ecce, quid Cælum, quid Terra, quid Loca possunt!* *Kepl. ad mens. Sept. Anni 1629.*

§ 5. For without all peradventure, this variety of the Airs Constitutions, whether permanent or tranlient, must be referr'd to the Heavens above, and their Difference, hereafter to be consider'd, joyn'd with the Situation of the Place, together with the Parts adjacent, and the manifold Differences there also to be alledged. By reason of which, *Thebes* differs from *Athens*, *Rome* from *Tibur*; *Athenis tenuè Cælum, crassum Thebis*. Thus the Mountains *Acroceraunii* in *Epire*, famous of old for frequent Thunders, as the *Sierra Leona* in *Africk*, witnessed to this day by the *Portuguez* Mariners, who hear as much at 50 Miles distance. Thus in *Rome* and *Campania* Winter-Thunders are heard sometimes, in other parts of *Italy* never, as *Pliny* hath noted, l. 1. 50. The instance from *Peru* is notable, though far fetch'd, where *Acofta* tells us, that in the Plains, ten Leagues breadth from the Sea coast, it never Rains nor Thunders; upon the *Sierra's* and *Andes*, two ridges of Hills, at 50 Leagues distance, running parallel to each other, it rains sufficiently, on the first from *September* to *April*, on the latter almost continually. But nearer home, the Cities of *Hesdelberg* in the *Palatinate*, and the Ancient *Triers* in *Germany*, from the Heavens disposition to Rain, have it seems a like slabby character; so the *German* City is by some call'd, saith *D. Heylin*, the common Sewer of the Planets, *Cloaca Planetarum*.

§ 6. This Diversity, say I, must be referr'd to the *Quality* and *Site* of the Place, whether it be neer the *River*, *Lake*, *Sea*, whether it be *Hill* or *Dale*, *Sands*, *Clay*, *Mine*, and some say *Forrest*, which All contribute to the Individual Constitution of Hot, Cold, Fresh, Pure, Dry, Gross, Moist, Foggy, by way of Cause Material, or reduced to the Efficient.

§ 7. First, for the *Sea*, 'tis a granted case, the *Maritim* places are more subject to Fog, Rain, and Winds, witness the East part of *Lincolnsire* by reason of the Fens; and certainly all the prodigious Tempests of this our Island, noted by our Ancestors, are found to lay their Scene in our Maritim Countreys, as *Lancaster*, *Somerset*, *Dorset*, *Hampton* in the West, *Lincoln*, *York* to the North-east, but especially the Counties of *Essex*, *Kent*, *Suffolk*, *Norfolk*, *Cambridge*.

§ 8. So gloriously true is That which God Himself taught us long ago by the mouth of his Holy Prophet, that *He gathers the Waters from the Sea, and poureth them on the face of the Earth*.

§ 9. The *Sea* ministers Matter not only for Rain and Wind, but for *Thunder* also, if *Nitre* and *Sulphur* be ingredients thereto. As for *Hail*, we know that it falls at its season in most places; but note it for certain, that all Prodigious Hailstones, whose ambit reaches five, six, seven Inches, is found to have fallen on places at no great distance from the *Sea*: the Cause is obvious.

§ 10. *Rivers* then must bear their proportion; as Fogs, so Dashes of Rain are the forer, by how much the nearer to them. The Showre, the Seamen say, observes the River, and flows along with it as in its own *alveus*. The Greater Rivers make the moister Air, as the Air of *Austria*, because of the *Danow*. *Kepler ad Sept.*

*Anno*

Anno 1627. Upon which account *London*, I observe, hath her share in Chronicle for Tempest, because of her *Thames*; and the Southern-side of the City hath complain'd most, as the *Tower*, *Bow-Church*, poor *S. Pauls* (now Tempest-free I wis,) *Westminster*, because of their vicinity to the River: when (what I have seen my self) tall Spires of Churches have rock'd to and fro, as if they were at liberty, and strong Iron Bars have hung the head like a broken Stalk, by meer strefs of weather.

§ 11. Next the Nature of the Soil. *Kepler* hath admonish'd us of a certain place neer *Ulm* in *Survia* often struck with Thunder, the Reason he rightly guesses from the *Slate-Quarries*, and other *Minerals* there about, which are discern'd by the *Mineral-waters* there in use. *ad mens. Maii Anno 1627*. Those about *Bath* should inform us of this matter, which, if I misremember not, is perform'd in the *Transactions Philosophical*. For my part I always suspected that Horrible Thunderbolt, which came into the Church of *Wells*, Anno 1596, to have ow'd somewhat of its Extraction to the Place. This we shall find, that All places more subject to *Lightning*, are also subject to *Earthquakes*; but Earthquakes we know proceed from Mineral, *Sulphur*, &c. incensed. *Rome* and *Campania*, which were not'd but now for *inter-thunders*, I am sure are Tracts not exempted from Earthquake.

§ 12. This is so certain, that in those uncouth *bowres* of *Milk* and *Blond*, it becomes probable, that the Mines of *Chalk* and *Vermilion* contribute also at least to the distinction of their borrowed Tincture.

§ 13. The difference of the *Hill* and *Vale* is as conspicuous: the Hill contributing more Cold than the Vale, yeilding therefore for the most part a later Herbage. In the Mountains of *Bohemia*, the Corn at *S. James* tide was blowing, when in the Plains of *Lusatia* it was ready for Harvest, saith our constant *Kepler*. Here note, that in respect of the Heaven, *Lusatia* lies the more Northward of the two: therefore the Difference arises from the difformity of the parts of the Earth amongst themselves, of Hault or Bate. How cold the Tops of the *Alps* are is not unknown, of whom 'tis not'd, that the Snow melts first at the foot of the Hill.

§ 14. In observation of Weather, the Hill many times puts bounds and limits to the moisture of the Vale. Instance of This I have had the hap to observe, what I have also heard, from the *Chiltern Hills* in the County of *Bucks*, separating That from its Neighbour *Oxfordshire*, whose Dust hath been scarce laid above, while *Oxfordshire* below hath been glutted with Wet.

§ 15. That these Considerations exclude not the Heavens, even from hence is manifest; because this Diversity of Habit or Proneness thereto is bottom'd on the difference of the Influence Celestial, and its Reflexion. For if the Solar Heat be of any Concern in this Affair, the Reflexion and Refraction of the Ray, by which the Heat is multiplied and advanced, are not to be overlook'd. See the *Astronomia Optica* for this matter, if the common Burning-glass be not Evidence sufficient. The Vale reflects and refracts the Beams, being the grosser Air; the Head of the Mountain (for the Descent is reckon'd into the Vale) reflects less, being Drier and Purer. Thus the *Pendle* in *Lancashire*, a high Hill, which when a Cloud sits neer the Top, always gives a sure Watch-word for Wet approaching, as *Camden* also takes notice, is accounted for; the Hill, not as the *Natives* will have it in their false *Hypothesis*, breaking the Cloud, but rather ripening it.

§ 16. This disposition of the Air to Wet, &c. is yet more evident, where there is a concurrence of the Premises: as where a Place happens to be situate neer a Hill together with a River. The *Acroceramus* are neer the Sea, the *Sierra Leona* not far from the Ocean. *Heidelberg* and *Triers* have Rivers and Hills for their Neighbours, the former being hemm'd in round, as they say, with Hills, only on one side open.

§ 17. This Observation begets another concerning the Winds; and its Difformity in respect of the Point of the Compass from whence it blows. In several parts of the world, from Sea-Journals I have observed the contrary Points possess'd. For in the year 1662, Apr. 9, in *England* the Wind was found Southwest, and at *Madera* North-East. In the year 1668, May 1, the Wind at *London* Northerly, under the Equator then was not'd a Southern Blast.

§ 18. Yea, and in respect of the *Temperature* there is a confess'd Difformity in the same *Species*. The East-wind Dry with us, but in most parts of *Italy* Moist; *Cardan in Prol. lib. 2.* yea, at *Virginia*, saith Captain *Smith*.

§ 19. The West-wind moist, not so in *Italy*.

§ 20. The North-wind in most places dry, and fair; therefore call'd *Boreas* and *Argestes*: in the *Netherlands* Cloudy and Moist, as *Fromond* saith he hath found by long Experience.

§ 21. The South warm and moist in most places, in *Holland* notwithstanding it oftner brings Frost than the North-west saith the Learned *Isaac Vossius*.

§ 22. The Ground is the same, *viz.* the Difference of Places from which they breath. The South-wind is serene in *Afric* saith *Pliny*; good cause why, It blows from the Desert and the Sands: and the (dry) North is there Rainy, because it blows from the Seas: all Winds, as the abovesaid Author *de Motu Marium*, &c. hath taught us, which blow from the Sea are warmer, and from the Land are cooler.

§ 23. Here a concurrence of Circumstances makes work also: the *Circius*, the North-west Wind, so pernicious to the *Gascoigners*, as elsewhere the *Huracan*, owes its Extremity, not to the Mountains only, as *Scaliger* will have it, but to the Seas also, which just on the North-west side spread into a vast Bay as I may call it, between *France* and *Spain*, the situation of *Gascoign*.

§ 24. But what? because of these proper peculiar Dispositions, is there no Footing for Science? because oft-times we may discover a Showre shadowing a Village afar off, when the rest of the Hemisphere is bright and serene, are all Pretences to a *Prescience*, grounded on Nature, *delusory* and *impossible*? When Rain falls in one place, is there no *nexus* in nature which may warrant us to pronounce it falls also elsewhere? And again, is not the Heaven as often wholly clouded, the Air close, gross, heavy, settled for Wet, extending it self through the whole *Hundred, Riding, County or Counties*? yes verily, a little Intelligence will acquaint us, that seldom any Rain considerable happens in one determinate place, but the like happens elsewhere, Eastward or Westward, to the North or the South, with difference only in the time or measure, (Niceties hereafter to be enquired.)

§ 25. The like may be said for Wind, Frosty Air, Remission of Cold, Heat, Drought, Serenity, seldom confin'd to one place, and therefore may be call'd *General Constitutions*.

§ 26. The more rare Constitutions General, are Those who produce Lightning, Thunder, Hail, Fog, in as much as These more visibly are forged, as I may call it, in the Mold of the Place: yet we find several Dayes, wherein Lightning and Thunder have not been confined to one Quarter; several dayes wherein Fog, though it chooseth to nestle in a by-Vale, yet sometimes it spreads it self like *Egypt's* Darknes, and hovers over a whole Province.

§ 27. However it may be, it is not to be pass'd by, that in case of *failure*, if a Fog for Instance happens not in several Quarters, there is something *cognate* to it, a little Frost perhaps, or thin Overcast. Where Thunder is not heard, as in other places, there may be found foultry Air, angry Clouds, sometimes fiery Trajections, and Passant Meteors at Even. Yea Hail it self, which most rarely hits, in several places, points to cold Rain or Snow, which are but one Remove, with chil Evenings, observable elsewhere.

§ 28. To *General Constitutions*, even in a positive sense so called, the World can be no stranger, which so often hath felt *raging Tempests*; whose Fury hath by Land rooted up Trees, demolished Edifices; which at the same time have caused fatal Shipwrecks, and vast Inundations, Arguments that will extort Confession from us, That such General Constitutions are no more to be denied than prevented. Oft I say hath the World with impatience felt droughtry Summers, sharp pinching Winters, wet unseasonable Summers, & Harvests, such as brought a *fear* at least of *Pemurie*. *Scarcity* or *Plenty* doth evince a Generality of the Airs Constitution, as to a Kingdom or Country: upon which account we justly are, upon Tempestuous Winds, con-



concern'd for all that navigate on the Seas that are neer us, whether *British* or *Irish*.

§ 29. The State of the Air doth not, as most think, depend on the *blowing* of the Winds, but contrary, the Wind alters or shifts, according to the Alteration of the Air: Hence I find that even in those places, where the *Breeze* is constant and perpetual, yet when the Weather alters, the Wind shifts; there is a priority of Nature in the Constitution it self, in respect to the Winds that attend it.

§ 30. When it is said therefore that the *South-wind brings Rain*, or the *North-wind driveth it away*, understand it of the Constitution as the *Cause* of both; reckoning the Wind only to be a *Sign* only, or attendant on the Effect. The North-wind drives away Rain, i. e. Rain is driven away, while the North-wind blows, and that only for such a Country, *Palestine*, &c. but not all places universally, as hath been noted already.

§ 31. The precedent Constitution of the Air helpeth nothing to the Continuation of the same, unless the Heavens conspire; for the Air being of a thin Body, as it is of an easie receptivity for all sorts of Impressions, so it easily parts with them, unless continued or renewed by a Cause permanent, or suppletory.

§ 32. In the defect of which, we perceive oft-times to admiration, the Constitution vary from one Excess to the other, *the Wind bloweth where it listeth*.

#### CHAP. IV.

*A certain Prescience attainable. Prognosticks vulgar. The Husbandman's Prognosticks.*

§ 1. **A**S it is the Goodness of God to vouchsafe us *Natural Prognosticks* of Constitutions, ordinary, and violent; so hath he pleased not to deny a more Noble *Artificial Prognostick* of the same.

§ 2. For though no finite Knowledge can be comprehensive of an Effect, great, or small, in every minute *Intrigue* of Nature, or Providence; yet so certainly hath God suspended the Constitutions of the Air upon the Heavens, that we must assert, there is more than a Conjectural fore-knowledge of the changes of the Air by Day, or Night, attainable upon Contemplation of Causes Celestial, and that without *Vanity* and *Superstition*, or the least shadow of either; rather attended with a *plerophory* of cogent Demonstration.

§ 3. This Knowledge may be exercised in fore-pronouncing the vicissitudes of the Constitution, yea and of the Winds also, I had almost said *to an Hour*.

§ 4. The same Knowledge may reach to the Perception of *Comets*, *Earth-quakes*, and *Pestilences*, as having all unquestionable dependance on the Heavenly Bodies, though these three last deserve Treatises by themselves.

§ 5. *Prognosticks of Husbandmen*, and others, from Birds and Beasts, before mentioned, as they are useful and delightful, so they do not supercede our Inquisition, seeing they pronounce from Arguments extrinsecal, Effects or Signs, and not from Causes.

§ 6. *Prognosticks from Apparences* in the Air, from the *Halo*, *Iris*, colours of the Sun-rising, &c. Clouds, and their differences, prognosticks from the Moon at three dayes old, from *fiery Trajectories*, as they are not to be neglected, because of some accidental Connexion; so they ought not to be trusted upon their single report: yet some are more special, as *fiery Trajectories*, when frequent *δραμοὶ τῶν ἀστέρων ἢ δειννομοί*, shooting of the Stars, *Ptol. II. 14.* do usually speak some Tempest at hand; or if not, excess of Heat.

§ 7. The *Comet* also signifieth infallibly some Excess, and that lasting; but whether that prove as to Wind, or Drought, or Wet, they do not determine; that Determination belongeth to no one Apparence.



§ 8. Nay Comets many times have nothing to do with Prognosticks, being a sign of Wet, or Drought, or Wind, and that a *consequent sign*, teaching us to look backward only on the antecedent past Excess.

§ 9. *Vulgar Prognosticks*, and those Other of a genuine Astrology, *i.e.* Art, and Experience, stand not on even Ground; for they reach only Constitutions *immediately* subsequent, pronounce for to morrow, or next day: the Other pronounces *at distance*, at a large prospect, and that, if need be, concerning a whole Season. The most sagacious Birds can give no certain aim at a whole Winters Constitution, come they, or go they sooner or later. They come upon a natural Presumption of the Regularity of the Season, in which the Poor things are sometimes deceived; as *Pliny* quotes the year, where an After-winter destroy'd many: but the Theory of Art foretells both the irregular *Interruptions* of a Season, with the *Restitutions*, and that many Cycles of Years before the Arrival.

§ 10. *Prognosis* Astrological that is *genuine*, floateth not on uncertain Principles, but knoweth whereupon it ought to fix.

§ 11. *Tempestatum, rerumque quasdam statas esse causas manifestum est. Plin. II. 39.* This is the Principle on which it fixeth: for certainly the *Annual Revolution*, or recurrence of the *same* Constitution, or Inclination thereto, doth uncontrollably evince some *Fixed Cause*, which maketh the same Revolution to meet with the Effect.

§ 12. Wherefore to all Noble Prognostick, *Experience* must be premised, Observation being laid up in store for some years before hand, of the daily, and sometimes hourly Alterations.

#### CHAP. IV.

*Some Determinate Dayes, which have a peculiar Character and Disposition produc'd from the Antient Kalender. Some Critical Dayes. The Observation upon S. Swithin no Superstition.*

§ 1. **T**HE Ancient *Diary* of the Egyptians, Chaldees, yea the Ancient Philosophers and Mathematicians of the Greeks and Latines, *Democritus, Meton, Eudæmon, Eudoxus, Calippus, Coron, Hipparchus, Cesar, Colmel, Pliny, and Ptolemy* for the Africans, do encourage us in our Principle. For as we see some Months Regularly, and therefore Naturally incline to Cold, Warm, Dry, Moist, in like manner some Dayes of the Month, even of the same Month, have their proper individual Inclination to Cold, Drought, Moisture, Heat; of which the Kalendars inform us, not yet out of Date to our purpose.

§ 2. We will consider the Excesses of Weather thoroughly noted therein: *e.g.* Much Rain Dec. XVII. Much Wind Jan. XXII. Great Heat Aug. XV. Horrid Tempest from the South Oct. ult. From the North Dec. XI, ὄμβρος πολὺς, ἀνέμος πολὺς, ἄνεμα μέγα, &c. windy Weather, stormy Constitution: σέως ἀνεμώδης, πειρασίς, κατὰς αὐτὴν χειμεινῆ. Αἰς ἀνέμωστα, &c. None of which could pass into observation upon a single Accident.

§ 3. But least a single Accident should be pleaded, as unreasonable as it is, the frequency of the Constitution, with its Contrary, is happily expressed: as in Febr. X. Ἐρίον Ζέφυρον, West-wind sometimes, but otherwise Jan. IX. for the most part South-winds, and Dec. I. for the most part Turbulent. See *Ptolem. opusc. de stell. sign.* In the *Oranologion* of *Petavius*, pag. 71. where you also meet with *Geminus* his Diary for the whole year, according to the Degrees of the Zodiac; That *Geminus*, we care not who knows it, who disputes against our Pretensions, even in Him notwithstanding occur these Memorands. Ἑύλα ὡς τὰ πολλὰ, ad m 19, fair for the most part. Ἀνέμοι χειμεινοὶ ὡς τὰ πολλὰ, Cold Winds, and ruffling for the most part, ad m 4.

So at  $\Upsilon$  23, Παλαχὴ χάλαζα, Hail often; and  $\Phi$  16 it *uses* to thunder, ἐμπροσθεν φιλῆι βροντῆν; as  $\eta$  4 also, it *uses* to blow, ἐμπροσθεν φιλῆι. Agreeable to this is That in Columel, *X Cal. Sept. Tempestas plerumque oritur & pluvia*; and all these Kalendar-men, whenever they speak absolutely without terms of Diminution, there they are to be understood as to the most part, otherwise the Observation were ridiculous.

§ 4. Shall we take Observation nearer Home, and that from an Enemy, within less than 200 years? *Mirandula* himself hath given us some account of Dayes confessed Hazardous at Sea, *contr. Astrol III c. 13 p. 482*. such as *Feb. VI. XII. XV. XVII. XIX. XX. Mart. I. VII. XV. XVII. XIX. XXV. April 11.* (for so it should be read) *V. VI. XII. XX.*

§ 5. Yea not *Italians*, or Seamen only, but all Nations and Functions have so much Interest in seasonable Weather, that they take the same notice of Dayes extraordinary: *Dies quidam apud Belgas* (our Neighbours of *Brabant*) *pluviarum atræ, & infames sunt*, saith *Fromond. Meteor. lib. 5.* and he names us one, *viz. IV* of *July*, which he saith they call *S<sup>t</sup> Martin the Dripper, quem S. Martini bullientis, ant pluvii appellant*: This Day I find not in every Kalendar, but in our *English* only, and not without the Inclination specified. *Fromond* would have pleased us therefore, if he had named the Rest.

§ 6. But the old Verses help us, *June VIII, S. Medard's day, Humida Medardi pluvias, lux usque minatur*; And such dayes amongst us are *St. John Baptist, June XXIV. St. Peter's Eve, XXVIII. Mary Magdal. July XXII.* who is therefore said, in the homely Country Proverb, to wash *S. James's Shift*, while dripping *S. James himself* (saith the same Dialect) *Christens the Fruit*. Add, such are *St. Bartholmew, August XXIV. St. Simon and Jude, Oct. XXVIII.* with the day following, *XXIX.* the Powder-Treason, *Novemb. V. &c.*

§ 7. All which Dayes being Festival, or notable, for the Annex of some Mart, Fair, or other Solemnity, could not chuse but come under notice, with their Character.

§ 8. Nor have our Ancestors given us days obnoxious to Moisture only; we find other Constitutions also noted, *St. Mark's day, April XXV*; with his Neighbour *St. Walburg's, April XXVII*; and *St. Philip, and James*, are marked with an Obelisk for dangerous times of nipping Winds, and Blasting,

*Nunc caret aura fide, nunc est obnoxia ventis*,  
saith one Verse: and again,

*Si friget, segetes subeunt plerumque periculum.*  
*St. Margaret, July the XX*, noted for Thunder,

*Reboat mugitibus Æther.*  
*St. Matthias*, for uncertain Air, in this remarkable Distich,

*Matthie, glaciem frangit, si invenerit illam,*  
*Ni frangat glaciem, tum mihi crede facit.*

As the Satyr thought it strange, that a man should with the same breath blow hot, and cold; so the character of this Day seems as strange.

§ 9. Yea the returns of Constitutions are not always confin'd to single dayes, but to series of Dayes; whence it comes to pass, that some peculiar Dayes, in this affair pass into Critical, enabling to pronounce somewhat concerning the future Harvest, Vintage, or Winter: for what have we to do with the frivolous Observation of the *XII* dayes in *Christmas*, as if they were a compendious representation of the Months in the Year, or with the Prognosticks on *St. Paul's day*? sure no one Day can give *crisis* for a whole Year; but for a month, or a week, a shorter term it may. Four dayes then there are, whose serenity gives fair hopes of a Vintage: *Vineent, Apr. V. Urban, May XXV. Assumption, Aug. XV.* and what *Origanus* interposes, *St. Bartholmew Aug. XXIV.* For Winter, *Purification, Feb. II.* and *Cathed. Petri, Feb. XXII* are also Critical. If it be fair on the former of these, *Major erit glaci-*

*cies post festum*,— is in every bodies mouth : if in the latter it freezeth, the same constitution holds a Fortnight. Again, Rain on Mid-summer day speaks fears of a wet Harvest ; if on *July II. Visit. B. Virg.* wet must be expected for a Month, saith *Origanus*, though the old Verse speaks more cautious :

*Si pluit, haud poteris cælum spectare serenum,  
Transivère aliquot ni prius antè Dies.*

If on St. *Swithun's* day, the cry of *England* is, it rains 40 dayes after ; if on St. *Martin's* day in *Novemb. XI*, a wet winter is portended, saith the Verse ; *vid. Alfred. Uranom.* p. 490. yea there is one *critical* Day recorded in *Atrius* the Physician's time, and that must be many hundred years ago, concerning the then first day of *Decemb.* on which if it rained for the most part (*ὡς ἐν πολὺ*), it held on for 37 dayes, *Petav. Uranolog.* p. 421.

§ 10. Some that shoot without aim, may abandon these Observes for *superstitions*, as that of St. *Swithuns*, in Mr. *Parkinson's* judgment is ; but where there is Experience, and innocent Reason, there is no ground for superstitious conceits.

§ 11. For the Experience we have said, the most of these dayes were Festival and so observable for the annex of some Solemnity, and thence came in the *publick Experience*, for the reason we shall give it in due place : in the mean while asserting the truth of St. *Swithun's* crisis for some dayes after, more, or less, (which the Vulgar made a shift to call *fourry*) to hold good *ὡς ἐν πολὺ*, as the *Greek* Kalendars have it, and That's enough.

## CHAP. V.

*The Sun, the great Light, justly admired. Notwithstanding alone He is not the absolute cause of Heat, no not of the Seasons of the Year, or the Constitution of the Day. Chance excluded. An Objection solved.*

§ 1. **T**His is enough for Demonstration of the *Fixed Returns* of the Weather, and those Returns father'd on the Heavens, by reason and consent universal. Now in the Heavens what but the SUN can produce these Effects in their respective Periods ? the Sun being so regular a Mover, that some have scrupled to call him a *Planet*.

§ 2. And who goes to debar the *Sun* of his due ? let not us that contemplate the Heavens be guilty of it. Let Theologie it self teach us, that the Sun is a great *Minister*, the *Light* and *Life* of the World ; without it no difference of *Clime*, or *Season* ; no Spring, no Summer, no Autumn ; All Time would be *Winter*, *Horrid* Winter ; the Sea a Mountain of *Ice*, the Land a *Flint*, and *Darkness* would usurp his old *Dominion* over both. But sure God hath, amongst thousand of other Stars, made the Sun appear, and commanded him to run an eternal *Race* in his great *Olympiques*. This Commission, as if conscious of the Infinite God, he jollily executes, and Nothing in the Universe is hid from His Heat. At his Rise the Morning-Cloud vanishes, the Fog dissolves, and the Dew gently exhales. Toward Mid-day he brighteth the Air into a chearful *Saphir*, and guildeth the Borders of the very Clouds with a costly *limbus*. All the Earth *basketeth* in his Light, while the *Clay* is *calcin'd* by his Heat. When he pleaseth, he *imprinteth* his *Face* on the *Roscid Cloud*, and *decircinates* the *Iris* with his Pencil. He draweth the Waters as through an *Alembick*, and *gageth* the Depth with his Beam. The Current of the Seas observe his *Tekupha's*, and flock All to the place of his *Residence*. Where he *keepeth Court* is the greatest *conflux*, the *Stream* makes hast to *kiss* his feet. He raiseth *Thunders* in his vertical strength, and gives fire to the *Priming* of his Clouds. He raiseth a gentle *Briſe* in the *Festival Morn*, and *fanneth* the Husbandman in the cool of the Evening. When he mounteth he *banisheth* the Frost, and *confineth* it, as by the power of his *Spell*, to the Ends of the Earth. The Flowers of the field open for his Entertainment,



tainment, and the Birds of the Air observe his *Night-watches*; they give a *signal*, as from their *Watch tower*, and chaunt their *Reveille* to the Sons of the Night. All the *Clients* of the Skie flock after him, and retreat dishonourably at his retirement. The *life* of Animals subsists by his *Energy*, of our very Immortal Spirits he is the Union.

§ 3. Notwithstanding This, (and a less *Hymn* I could not make on Him, whose Lustre dazzles us) I say, that the *Sun alone*, this Glorious Creature, cannot be the Cause, the entire Cause of the Changes of the Air, and its Vicissitudes.

§ 4. Because the Sun, consider'd alone, All things rightly weighed, requires those of his Fellow-Celestials to constitute even the Seasons of the Year. The Seasons differ one from the other in length of Day, or proportion of Light, and the proportion of the Warmth; the Sun alone is the Author of the First, not of the Latter. He is confess'd a Light *All-sufficient*, but that it must therefore be a Heat *All-sufficient*, is no warrant. A Taper lights the Room, which will not warm it: for that the Sun carries the Name of Warmth, That argues that he is indeed the *Principal*, most Eminent, not the *sole* Dispenser: So the General carries the Glory of the Battel, who is far from being the Sole, though he be the Principal Souldier. According to the tenor of which words must our piece of a Hymn, on His, or rather his Creator's praise be expounded.

§ 5. The truth of this will be clear, when we have considered that the Sun's approach and Exaltation encourageth the warmth of the Spring, and keeps up the height of Heat in Summer, being the Eminent Cause of Both. But yet neither Dayes nor Months do always increase in, or stand, or remit their warmth in proportion to the Solar access or recess from the Solstice. This hath been urged by others, and may be instanced fourty wayes. It is notorious, that the *Æstival* heat even increaseth as the Sun declines; for the Month of *July*, and part of *August* are usually more soultry than the Solstitial month of *June*.

§ 6. Here it is answer'd with one accord, that the *Heats* of *July* receives their intenser degree from the measure of the *pre-existent* warmth; but this we have precluded before, and add, that the *Heats* of *July* have been found as *intense*, when the *precedent June* hath been contrary affected; every man's memory being able to prompt an Instance of an *April*, *May*, or *June* beyond expectation cold, upon which the common comfort hath been from hopes, that *July* and *August* would make amends. Besides, that this holds not in *July* alone; the end of *March* may have more warmth than *April*, and *April* than *May*; *November* warmer than *October*: as again, *January* colder than *December*, *March* than *February*: we may hereafter name some Times when it proves generally so, therefore the Sun is not the sole Administrator of Celestial warmth.

§ 7. It may be said again (as it is by some great men) in things of this Nature, that they are Casual. But the word [*Chance*] in Causes Natural, and determinate, speaks our Ignorance. and it may be something of Injury to the Creator. But 1. a *hot July* is never casual, being intended so by God's ordinary Providence, for Harvest sake, That great Providence which workes by the Great Machine of Second Causes. 3. Nothing that is *Prognosticable* can be *Casual*.

§ 8. Again, if the Sun alone were the cause, every fourth year would bring about the same Revolution of Winds and Weather, the Sun being then exactly restored to the same place by the Intercalary day interposed: but no such Revolution appears. I find *Endoxus* of old gave out indeed to this purpose, *Plin. II. 47.* but no Experience confirm'd it from his time to *Pliny's age*; he was only fond of his own Surmise. If it had been so, we had been weather-wise by this time, without out consulting Star, or Kalendar.

§ 9. Considering what is behind, it will not be very needful to say more here: only to take away all Scruple, I would answer a possible Objection.

The *Returns* of the Weather being fixed, and determined, 'tis reasonable as you say, that the *Fixed cause* be assigned the *Author* of That determination: but the



Sun, and nothing else, is the *Determinate Cause*, (for what else *confin*es the Return to the *same Day*?) therefore it must be the Entire and Adequate Cause.

The Answer is ready: if all the Stars in the Firmament should conspire with the Sun into one Tempest, they could choose no time, but what the Sun, the Lord of Time, should determine. It followeth not therefore, that if the Sun be the Determinative Cause he is the Adequate, the Sun bearing two places, *Physical*; and *Chronological*; in the first he helps to produce, in the second he circumstantiates the Production. But if the Identity of the Day's constitution be press'd, we answer, that the Sun determineth That, not absolutely, and entirely, for then the Return would be infallible, but on supposition of the other Causes meeting: these Concauses met do determine the Effect, as it were Materially, the Sun closing with them specifies the time. Thus Disputers say the last Unity is the form of Number, a principal Cause, but not an Adequate.

#### CHAP. VI.

*The Lunar Influence, and its History. Hippocrates doctrine of the Tides. Dissent from the Learned Vossius. Σεληνιαζουπον. Aristotle agrees with Hippocrates.*

§ 1. **P**ROCEED we then, and let us say, that the Changes of the Air cannot be referr'd to the Sun, taking in the Moon along with it, though (to give the Moon her due also) she is of great Efficacy, as Ptolemy tells us in that excellent II<sup>d</sup> Chapter of his first Book: All things, saith he, animate, and inanimate, receive her impression; the Rivers swell or abate according to Her light, the Tides and Ebbs of the Ocean (Θαλάσσης ἐρημήματα) sway'd by his Rising and Setting; Plants and Animals are in poor or better case as she waxes and wanes. Upon which words I would we could comment; we endeavour thus. What the proper quality of the Moon is, we find disputed: Ptolemy, and the Ancients define her to be Moist, they mean (or ought to mean) that she is of a *remiss warmth*, to such a degree, as is no Enemy, but rather friend to Moisture, by Resolving it, Calling it forth, or otherwise Actuating it by her spirituous Ray, according as that fluid, and withall salt Element is capable of impregnation.

§ 2. And to this one principle of Warmth, will all the various Effects usually ascribed to the Moon, be justly reducible. For on this account the Sea it self ebbs and flows in all Rivers, Creeks, and Shores, making a Full Sea precisely at what time the Moon comes to such a Point of the Compass, falling back every day as many minutes (about 48) as the Moon comes later to the same Point; luxuriating in her Spring-tides about the Full and Change, when she is direct with the Sun, and flagging all the Quarters when she is at an oblique distance. On this account it is that Flesh exposed to the Lunar Rayes sooner putrifies; those which walk along by Moon-shine feel a Dose in their Heads, the Brains of Animals moister at New and Full, Bloodless Creatures fuller of Spirit; that the Shell-fish of the Sea, Crab according to its kind, Lobster, Oyster, at the same time should be best and sweetest; (instances attested not by Heathen only, but Christian Philosophers, S. Ambrose, but especially S. Basil, in their excellent Discourses on the Hexaemeron:) that Decrepit men carry (as they say) a Prognostick in their bones, by pains and aches, and shooting of the Humour in several parts; that Epilepsies expect their dreadful Fits at the time of the Moon, of which annos, yea and Convulsions too, if Aristotle misinform us not, Hist. Animal. VII. cap. ult. That Crises of Difeases, and Dayes Critical, which Astrologers say they cannot be baffled out of, keep so true with the Moon; for 'tis not the Waters only obey, and observe her, but All other called by the name of Humours, even the Blood, the Spirits. What, that Salt Ammoniack increases with the increase of the Moon; not so much as an Egg is set for Propagation but at such time observed? All the Mysteries of Generation, Conception, Formation, Birth, Purgation, Naturally depends (on the Sun 'tis true) and also on the

the Moon. The Mystery of *Septenary* number, which the Great *Hippocrates* stands so much upon, being the *Hebdomadal* number, must be referred, not as *Cardan* suspects, to the *Planetary*, but to the *Lunar* *Septenary*. Thus *Births* are *vital* at *vii* Months, at *vii* *seidom*. *Teeth* are all put forth at *vii* years, *i. e.* (in *Hippocrates* Calculation) 350 weeks. *Births* facilitated at the Full and Change, *Conceptions* at the Full, *Purgations* Menstrual, every Month (in those which are in Health,) *οὐδεὶς ἔχοντο τὴν μὲν ἰδέαν δὲ ὅτι μὲν ἐν ταῖς αὐταῖς*, the Month (saith he) hath such special power over our Bodies, yea not only *Conceptions*, *Abortions*, *Births*, but *Diseases*, *Death* or *Recovery*, have a kind of dependance on such *Revolutions*. *Hipp. de Carnibus, & alibi.*

§ 3. And this must not be look'd upon as *superstitious* Doctrine by any body that knows what belongs to a Nurse (attendant on the Sick,) or to a Midwife, especially when our Age hath been taught that our *Blood circulates* in our Body every *twenty four* hours. Hence all Nurses of dying Bodies, with great solicitude observe the *Lunar* Change, and those which die at Sea (in the great and old Observation) commonly give up their last breath at the turning of the Flood. *Plin* II. 41. Hence *Purgations Medicinal*, prescribed to be administred at the Full. *Eyes* of some Cattle so affected, that the Darknes shall increase proportionable to the Moon; yea some precious Stones are *Natural Moon-Dials*; the *Selenite*, which *Pope Clement* the VIII. (if *Cardan* may be believed) had among his Rarities. What shall I speak of those *Animals*, which are voic'd for the like, or a greater *Sympathy*? The Lustre of *Cats* Eyes observing those proportions, ground enough for the blinde *Egyptians* to worship the Beatt; or if any Creatures there be, whose *Fibres* or *Legs* increase according to the Age of the Moon, 'tis reported of a certain *Mouse*, and *Scarabee* or *Beetle*.

§ 4. Howbeit, to cease your smile, all the World knows that *Husbandry* cannot spare her *Lunar* Observations, since the Moon governs the Moisture, and Spirit of the Earth. Thence all the Rules for Cattel, their *Admissures*, their *Castration*, &c. at several times of the Moon; for the Ground, enjoining to dig their *scrobes*; for the *Planting* of Trees at the Full Moon; *soiling* their Grounds at the Decreases, to avoid Worms, &c. making the beds, the Seed plats, while the Moon is up; sowing Seed, and planting Trees, at the Increase; covering *Roots* at the Full; gathering and Houting of Corn, &c. at the *Wane*: *Plin* XIX. 6. *Garlick* set for the abating of the Smell at the same time, treading the *Wine-press* while she is under the *Horizon*. In *selling* of Trees for Timber, when the Ancients have told us, that it must be a *Winter-work*, in regard of the Sun. That *Oaks* cut down in *Spring-time* will presently rot: they teach withall, that it is of an infinite concern to add the Moons observation as well as the Suns, *Infinitem referri & Lunaris ratio*, *Plin*. XVI. 39. The *Elm*, the *Pine*, the *Nut*, and all other Timber-Trees must follow the same Rule, that if in the selling you joyn both Observations together, *viz.* the depth of *Winter*, *i. e.* the *Winter Solstice*, and the last dayes of the Moon (*interlunium*,) the stuff will last to perpetuity. And again, *Brevissima observatio est, quod vitis carere velis, interlunio legere*: and this upon a point of good Husbandry, if we mean to sell, they must be gather'd in the Moon's increase, *crecente enim Luna* saith the Politique Motive, *Plin*. XVIII. 30. *frumenta grandescunt*, they are best, it seems, to fill the Buttel. I et all this be mustred up into That comprehensive *Adm* in these words, *Omnia que caduntur, carpuntur, conduntur, innocentius, decrecente Luna, quam crescente fieri*. *Plin*. XVIII. 32.

§ 5. In all which we favour not any uncertain stories, or overcurious, such as are Those of the *Lunaria*, which *Cardan* (it seems) would have believed, but more sober Herbalists question, if not reject them.

§ 6. The old trick of riddance of *Warts*, by touching them at a New Moon, and burying the Pease, *Plin* XXV. 28. though it seems to have something justifiable in it, yet we are covetous of no such Instances, much less such as the Heathen themselves censure for *superstitious*, and *Magical*, or with the milder sentence of Observations sabbile: *Plin*. XXVIII. 10. XXVIII. 32.

§ 7. Verily much of Natural History (as it must needs depend on the Heavens) relateth to the Moon; much of *Agriculture, Medicines*, as it depends on the Sun, to on the Moon. The increase of the Moon you see answers to the Spring-time, and the *Interlunium* to the depth of Winter, though of a nice Distinction the Contemplation may be, yet there is a *Lunar-Spring, Summer, Latter spring, Winter*, every Month, as the same are *Solar* in the Year: and so far must we iustifie that Observation of *Ptolemy* in another Chapter, who teacheth as much.

§ 8. All the pitie is, that the Great and Learned Author of the Tractate *de motu Marium*, hath small kindness for this Discourse, who hath one Chapter entituled *Luna multa perperam adser bi*; his design is to deny the influence of the Moon on the Seas motion, while he imputes it wholly to the Sun and the Nature, or laws of Motion in the Sea it self; for the proof of which, he observeth from infinite Experience (for Authority is Experience testified) that the Ocean runs from East to West, under the Torrid Zone, perfectly according to the Sun's diurnal motion; and he adds, that while the Sun is in the Northern or Southern Signs, this Motion inclines and glances accordingly. Verily the Work hath obliged not only all Navigators, and Merchants, but all Learned men whatsoever: nevertheless I may have leave to imagine, that This demonstrates a dependence on the Sun, which home-bred Definitions have excluded, and therefore are to be corrected; but who understanding himself can exclude it? the Ancients did not. *Pliny*, discoursing of the Tides, puts the Sun in the first place, and *Ptolemy* acknowledgeth the Sun as more absolute in all the productions ascribed whether to the Moon or any other. Ἡ δὲ τῆ ἡλίου δύναμις ὡς καθολικωτέρα, ἐκ δὲ ἀστροῦ σωματικῆς οὐκ ἔστιν ἀποσυναγῆξις κατὰ τ. 1. 2.

§ 9. For the very Nature of the Moon, which is a Reflexion, supposes the same, the Moon being but a Sun reflex'd (as they say of others also,) whole Full and the Change being the observable Phases, are nothing else but eminent Relations to the Sun: A Relation must include both its Terms, the Sun therefore cannot be excluded: the Author demonstrates the Sea would have such motion, supposing there were no Moon; but he may be pleased to enquire, and he may find that the Moon cannot be spared, spared I say as to that warmth which the Sun it self imparts; for by her the Warmth is modified, temper'd, increased, remitted according to the variety of her Phases; by her this warmth is made so kindly, so suitable to the humid Element, that without it it cannot be governed. Warmth will rarifie Water this Author hath excellently taught us, and that the Moon hath a-kind of warmth quatenus Lucid, he justly defines; so there is not much betwixt us, every warmth Celestial we shall see hath Influence on the Waters.

§ 10. We have as good Demonstration that the Ebbs and Flows depend on the Moon, as that she borrows her Light from the Sun; the diversity of the Phases according to her access and recess shew the one, the suitable Increase and Decrease of the Tides according to those very Phases shew the other.

§ 11. At the Quarters the Tides are lowest (*Neap tides*), at the Change and Full they are higher, (*Spring-tides*); in the one the Moon is conjoin'd with the Sun in Diameter-line making no Angle, in the Other making a *Quadrate*, the utmost distance from the Conjunction and Opposition.

§ 12. The Author supposing, viz. that the Tides are lowest at the Quarters, endeavours to shew how they come to spring against the Change, and much truth without question he delivers; but how comes it that Neap-tides happen just at the Quarters? if the Moon have no Causality, they might happen at the Full as well as at the Quarters; and if those Low-Tides might have run through all phases of the Moon, and a Fortnight after had boil'd into Spring-tides, then I should have hearkned to the Demonstration, so far as to exclude the Planet; but when the Low-tide is confin'd to the Quadrate, That creates Suspicion. We that say the Moon communicates a greater (yet still kindly) warmth to the Air at the Change, Full, and a less at the Quarters, may easily see why God at first ordered the Abatement of the Waters to the One, and the Increase to the Other, if it be true that the Sea works and



and purges every full Moon, as at other set Times of the Year, which accrue to the Sun's account.

§ 13. 'Tis an Illustrious Instance that is drawn from the Exuberance of the Tides at or neer the *Æquinoctial* Lunations, taken notice of even by the Inhabitants on the *Thames* side, below the *Bridge* at least; yea of an elder Observation, as to the Ocean in *Strabo* and *Tacitus*. 'Tis pretended that in our River they are observed in *February*, and *October*, rather than on the precise Months of *March* and *September*. This Objection is not confident; the very Neighbourhood of the Months *February* to *March* and *October* to *September*, creates a Suspicion of some Truth in the Instance: for That Difference is easily accounted for, considering that *Fall* of *Wet* makes some addition, and that This is notorious in *February* the *Close* of *Winter*, nor unusual in *October* the *Prologue* thereto. Let *March* or *September* put on the wet Masque of either of these Months, and the Effect will be the same. Secondly, who knows not that the Tides swell, not on the precise day of the Lunation, but two or three dayes also before and after? remembering then the motion of the Moon (supposing it hath no Latitude) 'tis odds but within two dayes after, after I say the Lunation in *February*, the Moon will be found in the *Æquinoctial* Sign  $\gamma$ ; as in *October* two dayes before, it is found in  $\alpha$ . But if Latitude, as reason is, may be observed, the Moon may be found situate on the *Equator* in either Month, by a Southern Latitude in the One, and a Northern in the other. For 'tis the whole *Circle* *Æquinoctial*, not the *Intersection* only, that is considerable in this Affair: adding withall that the *Equinox* Physically considered hath some Latitude, as every *Centre* hath, within which bounds the Effect proves even the same. As therefore the Spring-Tides in general, happening two dayes before and after, are justly imputed to the Lunation in general, so the aforesaid *Æquinoctial* Exuberancies in *February* and *October*, are with the same justice ascrib'd to the *Equinox*: for if we calculate rightly, the Interval between them is not, as it seems, a whole Month, but only two dayes difference, in as much as the Sun in a whole Months time gets no more ground than the Moon acquits in Two dayes, where the Moon overtakes her Leader.

§ 14. But the Retardation of the Tide, parallel to the Moon's coming to the South about 48 minutes later, the only common motion as is acknowledged to the Planet and the Element, is such an Argument.— For that Two motions from the Creation to This day should just jump together to so nice a Calculation of time, and yet the Bodies moved have no dependance one on the other, is not easily digested; especially when one of the Bodies is fluid, easily moved, and as easily interrupted, disturb'd by Inundations, fury of Winds, Droughts, Frosts, Earth-quakes: *Natural Motion* we know, once disorder'd, will run false, like the *Index* of a Watch, 'till some good hand replace it. Sometimes the Tides fail, sometimes they pay us with *superfatation*: who restores Nature in this case? the Sun keeps its course, differing little from it self and its own Elevations a day or two after, and yet the Water returns to its wont, and forgets its disorder, composing its self according to its measure warrantable by the Age of the Moon. Here will it not suffice to say the Moon is an *Index*, seeing it may be so, and yet a Cause too, as Excessive Heat of the Body is a *Token* of a Fever, or a Southern Sun an *Index* of Noon. An *Index* of the Tides? so may the Tides *vice versa* be *Indices* of the Lunar motion, and Both be equally causes one of the other, if the Moon be a meer *Index*. i. e. not a Cause. But the Moon is a warm Mover, and That Influence reacheth yea penetrateth, the *Element*: inasmuch that if the Sun be constituted the *Motor* of the Seas, the Moon, her History being attended, can scarce without violence be excluded.

§ 15. There is a Notion of Lunacy abroad in the world, yea and extant in the Gospel: Σελινιαζήματα. S. Matth. IV. whether it signifie *Epileptick* persons, as is certain say Physicians, from the Symptoms, Matth. XV. or the Raving Melancholy distracted Persons, as the *Syriac* expounds it; see the Learned *Martinus in Lexic.* such as we meet S. Matth. VIII. and S. Marc. V. they are both sad Instances of the Lunar Dominion on Humour in general, and the Humours of our



Temperature. Of the Epilepsie 'tis confess'd, of the Other also 'tis as true by the testimony of the *Syriack*. And though some of the Antients, *S. Hier.* and *Origen* are jealous of this Notion, ascribing all to *Diabolical* Ferity and Cunning, lest we should raise an Evil Report, and bring Intamy on God's good Creature, if we should grant the Moon contributed any thing of disposition to the Distemper : yet we answer, in a conciliatory way, with the Generality of the Learned, avoiding Both Extremes thus : To refer all to the *Natural* Cause is one Extreme, to impute All to the *Infernal* Fiend is the Other. There is more danger of Injury done to Religion in the denial of these Natural Evidences, than of Intamy to God's Creature in admitting them. It would be wrong to the Creature to say the contrary, seeing This also Lunar Warmth is God's Creation. Therefore the *Arabick* Translator owns the Philosophy, and construes *Σαυνιάζοντες* to be Those who are tormented and vexed in *principio Pleniluniorum* : whether he means Either or Both of the Distempers abovesaid, is to be learned from the *Arabian* Physicians. See *Gul. Ader*, the pious Critick, on the Diseases mentioned in the Gospels.

§ 16. The Experience concerning the *Shelfish*, and their fatness at the *Interlunium*, is evaded, by saying that the Tide recruits them, the Fresh water that comes along with it. But doth not the Moon conduce to the freshning i. e. rarifying and quickning of that Stream ? Doth it not immit a *new*, or call up the *native spirit* from its recesses to the very surface of the Element ? The Lunar warmth hath a double Office, not only quickning the Aliment, but, as the Philosopher saith, comforting the Cold bloodless Feeder : his words are these : The Shelfish thrive most at the Full Moon, *not because they feed more abundantly*, (quite contrary to the Answer given) but because the *Nights* are warmer by reason of the Moon. *de parti. Animal. IV. 5.* For bloodless Creatures (saith he) are easily chill'd, and rejoice therefore in warmth. Now warmth we know *nourisheth* as well as *Vitals*, as we see in Sleep, *not excluding* the Food, but *distributing* it. Certainly the Lunar History gives Instances of its Power over those Bodies whose *Nutrition* is not so facile, as theirs seems to be, who have a whole Sea to guzzle in.

§ 17. But at *Cambaja* it seems, at *Bengala*, *Java* Islands, and elsewhere, neither do the Tides appear at the *New* or *Full*, but at the *Quarters* ; when the Shelfish also make their Markets. *Ans.* Some Difficulties there are (and who can expect otherwise that studies the Universe ?) rais'd against the Moon's Sovereignty, which yet are found to vanish, the nature of the place, be it Sea or Shore, once consider'd. For whatsoever difference here is found, no doubt is on the part of the *Recipient*, according to that good Maxim, *Quicquid recipitur &c.* and that solves all doubts in this case, even the various Fluxes of *Euripus* it self. For let the Ocean flow in some places *four* hours, and ebb *eight*, as with us ; in others *seven*, and ebb *five*, as long as it flows once in 12 hours, and twice a day, we are secure. Do these Spring-Tides observe the Quarters of the Moon invariably ? do they keep their times for the whole Periods twice a day with other Ports ? does the Succession keep to its Measure, I mean, happen 48 Minutes later every day ? The Moon is the cause even of those Quarterly Floods ; yea the *Change* and *Full* may be the Cause with Us, while the *Quadrants* may be assigned for the Cause there ; the Quadrant being less powerful than the Conjunction, but not utterly infirm, or of no force, as will be seen hereafter. Who knows then but that the *Quadrant*, the less in an *Intemperate* Zone, may be equivalent to the greater in a *Temperate* ? we having defin'd, that 'tis not Heat in every degree, but only a Kind and a Temper'd Warmth that is effectual. The Conjunction and Opposition may be excessive in the Torrid Zone, and so unfit to raise the Humid Spirits, on which account we are taught, that the *smallest* Tides are perceived under the *Equator*. Be the Mystery what it will, many Definitions are absolutely True, confin'd to their Clime, which universally cannot hold. The Sun riseth and setteth in 24 hours, in *Greenland* not so : the South-wind blows from the Pole, not in these Countreys : the *Absence* of the Sun causeth Winter with us, but Those under the Line have no Winter but when the Sun is *nearest* them.

§ 18. I must not conceal, that I have seen an Ingenious *Manuscript* concerning this Subject, determin'd by the *Hypothesis* of a *third motion* of the Earth, with great happiness solving many New *Phænomena*; but yet I, who have not proceeded so far in Mathematicks, as to espouse Any Thing of that Principle, content my self with these *vulgar Presumptions*, and think I have some reason so to do, when I shall have ask'd these few Questions, not determinable I fear by such *Hypothesis*. 1. Why even in calm and dry weather the *Tides* from the *Change* to the *Quartile*, from the *Quartile* to the *Full*, yea the Two *Tides* of the same day keep not their proportional Increase or Abatement? 2. Why the Spring-Tide about the *Full* of the Moon most commonly is *less* than That about the *Change*? 3. Why the Moon's *Perigee* swells the Tide more than the *Apogee*, in as much as what Dr. *Childrey*, my late worthy Friend hath observed, All prodigious *Floods* have happen'd remarkable at that time? 4. Why the Moon commonly loses nothing at her appulse to the *Equinox*, at what time of the Month soever it happens. 5. Why it gains in her Applications to either *Tropick*, in her utmost Latitudes, Northern or Southern. 6. Why the Moon, on the day of the Last Quadrant decreasing, makes as high a Water, sometimes higher than at the First in the Increase. 7. Why the Lunar Aspects, even with the Rest of the Planets, do advance the Tides, yea and her Applications also to some of the Notable Stars amongst the Fixed.

§ 19. It may not be amiss here to glance upon *Sacred Authority*, where there is manifest Testimony of the *Lunar Energy*: *Per Diem Sol non percutiet te, neque Luna per Noctem* Psalm. XXI. That's the First. The other is in *Deut. XXXIII.* where *Joseph's* Blessing is not compleat, without the *precious things* of Heaven, the Dew, &c. yea not without the *precious Fruits* brought forth by the Sun, and the *precious Things* put forth by the Moon. Whatsoever Sense will be given to the Testimonies, the Expression is bottom'd on nothing but what we plead for, the warmer *Razes* of the Moon For as to the First Testimony, *Rheumes*, and Indispositions of the Head therefrom may be rais'd, it is confess'd, by the Power of the Moon; imputed to the Falling of the Dew, but as justly ascribed to the Moisture of the Brain, and its Fermentation by the Nightly Beam. As to the second, the Rare and Choice Fruits, once growing in the several Walks of Paradise, and still according to the time of Year put forth in their Seasons, is as beautiful a Contemplation as Spectacle, owing their Original to the Night as well as Day, to the Sun, as also to the Moon, which even in *Vegetation* is *Solis vicaria*. My Lord Bacon, I remember, assuring me so much, that the Night contributes as well as the Day; as in Artificial Preparations, sometimes a *quicker*, sometimes a *slacker* Heat is requisite.

§ 20. *Gul. de Val*, Physician to the most Christian King, who gave us a fair Edition of *Aristotle*, A° 1654, tells the University of Paris News of Plants Solar and Lunar; these latter he saith are Brisker, Broader, Fairer, Sweeter, and every way more pleasant by Night than by Day: such are the *Convolvulus caruleus*, a Bell-Flower, call'd by Artists *Flos Noctis*, with another or two of the same kind, the *Indian Mogli*, *totâ nocte sub amicâ Lunâ flores expandit, tantâque pulcritudine micantes, imo & tantâ odorum suavitate fragrantés, ut incolas omnes rapiat in sui admirationem*, call'd *Arbor Tristis*, because it hangs like dead and wither'd in the Day-time. Next, *Geranium triste*, ('tis pity they are Indian Plants) which smelleth like Musk, saith Mr. *Parkinson*, (for he also bears witness to the Curiosity at Night only, not at all in the Day-time, as refusing the Sun's Influence, but delighteth in the p.

§ 21. As popular an Argument as This is, the Instances make out; that the Dew gently falling upon the Flower, advances the Sent; that the Nights have their Warmth; that the Moon when it shineth (for 'tis not yet time to assert the Influence of a Star at what time 'tis hidden) hath a soft cherishing Beam; and Reason tells us, that what is accomplish'd sensibly in a Few, may hold, though less sensible, in All. For the aperture and explication of the willing Flower, betrays a kindly Warmth breathing upon it from the Ambient, (as we see an *Anemone*, which closes at Night, will open again as in the day-time, by the

immerlion of the Stalk in warm liquor,) in which warmth the Moon, when it shineth especially, will be concerned. So that 'tis no Paradox for the Moon to conduce to *Vegetation, Maturation, &c.* the Sun ripeneth, the Moon attempereth and distributeth the proper Juice. The One *baketh*, the Other as it were *soketh* (that I may use *Pastery Terms*) the Fruits of the Season. Antiquity therefore hath ascribed *Fertility* to the Moon,

*Canentes ritè crescentem face Noctilucam*

*Prosperam frugum, saith the Lyrick,*

And another in his Hymn saith well,

*Tu cursu Dea menstruo*

*Metuens iter annum,*

*Rustica Agricola bonis*

*Tecta frugibus implet :*

Which may serve for a Commentary on our Words of the Text. There is one *Testimony* more behind, which may take place in the *Lunar History*, speaking out the plain Philosophy of *Hippocrates*, or *Nature* rather, concerning the Accounts of the Moon, as to *Animals*, and the set times of their Geniture. For as 'tis a fine Contemplation to consider the Times of the *Year*, wherein they are excited to Propagation, *Spring, Autumn, or Winter*. (for some strangely choose That most barren Season,) which Naturalists, justly enough, principally refer to the Sun, *Ptolem. I. 2.* because 'tis a set time of the Year; so from this Season of Propagation there is a Fixed term for their Birth, Yearning, Calving, &c. justly ascribed to the Moon, because 'tis a Term of *Months*, as before was observ'd. Hear the Philosopher: *Knowst thou the Time when the Wild-Goats, (the Rupicaprae, Ibices) of the Rock bring forth? Canst thou mark when the Hinds do calve? Canst thou number the Months they fulfill? Job. XXXIX. 1, 2.* Months to be fulfill'd and numbred: now from Months you may as well exclude the Moon's Course as Influence; the Heavens measure Motion, but the Sun and Moon are not bare Measures, not in Motions which tend to Life and Vegetation; they are Moderators as well as Measurers, seeing Life consists in Warmth and Moisture, to which the Moon is no Enemy. Yea the Number of these Months are some of the מַעֲרִיב, H. Writ speaks of *Gen. I.* not only *Politick* or *Ecclesiastical* Festivals, the Feasts of the New Moon, &c. but the word is applied also to *Natural* Seasons, the set times when the Stork in the Prophet, and the Swallow, and the Crane, recede and return again: the set times of the Summer-fruit, the Olive, the Date, according to their Months, say the *Jews*; the *Time of Life*, in the History of *Abraham, Gen. XVIII. 10.* and elsewhere. And All this is Reasonable with *Aristotle*, in that great Chapter *de Generat. Animal. lib. IV. 9.* who was shie in the admission of any thing which he could gainsay; his words are Copious, *Ευλόγως δὲ*—Reasonably therefore do Philosophers define the times of all Procreation, Gravitation, and Life it self to be measured by *Natural Periods*. By *Periods*, I mean, the Day, Night, Month, Year, and what *Greater* Times are measured by them, as the *Less*; not forgetting the *Revolutions* of the Moon, the Full Moon, the *Interlunia*, and the *Quarties*. Now the Moon is as it were a *Less* Sun, and therefore it conduces to all *Generations*, and their *Perfections*, and after That, *Corruptions*: for the Motions of these Planets do comprehend the Beginning and End of all Three. Thus, and more the Philosopher. For the Evidence of these things being such as cannot be refuted, no marvel if he applaudeth them, who elsewhere giveth his Testimony to the seeming-mystical *Septenary Number*, as *Hippocrates* before; who treating of Fishes, and the History of their Procreation, he saith, that the Female teem some of them not above 30 days, some less; but none of them go any time, but what may be divided into, and therefore measured by the *Septenary Number. Hist. Animal. VI. 17.* Understand it with Allowance, and Exception sometimes, *διὰ τὴν τῆς ὕλης ἀσυνεχίαν*, and other impediments. *de Generat. IV. 9.*



CHAP. VII.

*Sun and Moon, nor singly nor jointly the sole Causes of the Constitution of the Air.*

§ 1. **S**O have we seen the Vigor of the Sun, so of the Moon, in order to the Changes of the Air. But the Changes of Air, however vigorous these Planets are, for certain cannot be referr'd wholly to Either or Both: not to the Sun, as you have heard, nor to the Moon herself; for allowing the Moon to have something of the *Solar nature*, we do not find (what was said of the Sun) that the Days are always, or most part, Character'd in their Constitution, according to her *accesses* or *recesses* to the Sun or Tropicks. Secondly, the Mystery would have been kenn'd through the Observation of 2000 years at least, seeing the Motions of the Sun and Moon are conspicuous; but No body hath pretended to find any Specialties herein, excepting three or four days in the month, and those too of very remote and uncertain lignification: for the Moon is a *Reflexion*, and *Reflexions* are tied to Laws: According to the Angle of *Incidence*, so is the *Reflexion*, and the strength thereof: but no Constitution of Air is tied and bound to these several Reflexions; the Weather returns in such a Month, when there is neither the same *phasis*, nor an equivalent.

§ 2. Nay, Sun and Moon jointly, are not the complete Causes of the Airs Alteration, upon several grounds; for if so, every XIX years Revolution would bring with it the same state of the Year, and we should be able to say what would be the Face of Heaven to morrow, if we had observed 19 years ago, without any great Conjuring.

§ 3. Secondly, we argue from the *Duration*: the Same Constitution of Air sometimes lasts a whole *week*, a *month*, yea predominates the best part of a *year*, while the Moon (alafs!) every 24 hours changes her *phases*; in *two days* runs a twelfth part of the Heaven, in a *Month* shifteth all her *Schemes* and Postures in relation to the Sun.

§ 4. On the contrary we may consider the  *fickleness* of the Weather. In two hours, yea in half an hours time, the face of Heaven shall be *Masked*, *clear*, *calm*, *turbulent*; but in half an hours time the Sun and Moon vary not any considerable difference. Sometime it shall rain and shine by Fits with such variety of surprize, that if the Moon and Sun had run the Zodiacque in that 12 hours, the variety could not have been greater.

§ 5. Next may we take in the *violence* and *extremity* of Weather; for *Heat*, fouldry, melting, fainting Air; for *Wind*, the Fury of Tempestuous, blustering, rocking the lofty Towers, and shaking the best and lowest Architecture. Of the extremity of the Heat, the Moon, supposing the Sun never so much, cannot be the Cause, the Moon being a Reflexion, as was said, and a single Reflexion: but the Air is heated beyond the power of a single Reflexion, as if there were some *Anihellii*, one or two *invisible Suns*, as some have imagined *Antiseleus*. The vulgar impute all to the Sun, and on a fouldry day say, the *Sun is very hot*: but sure the Sun hath some *Satellites*, some invisible Company, or Guard, that lie behind the *Hyacinth*-Hangings of the Heavens. In the fury of Tempest, the vulgar speak more feelingly, when they say it Rains, as if *Heaven and Earth* would meet, and blows as if it would rend up all before it: the Sun and Moon alone give them little suspicion of such prodigious strength, they rather believe a Devil raging in a Storm, than impute such horrid Violences to so sober and civil a Pair as the Sun and Moon are accounted.

§ 6. Add the *contrariety* of the state of the Air: the Sun and Moon may be assigned some Cause of Warmth, but who assigns a Cause of Cold? the Sun by his *oblique annual Accesses* and *Recesses* in the *Zodiac*, dispenses Summer and Winter; as by his *Diurnal* motion he distributes Day and Night. The Night and the Winter



are acknowledged Both cold, by reason of the Sun's *Absence* or Distance, but whence comes the Day to be *Cold*? an *Æstival* day to be *chill*? Is the *Sun* the Cause? the Cause of *Contrarieties*? and that, while *Present*? The Sun cannot be the cause of Darkness when the Sun is present, neither can it be the cause of Cold when it affords its presence. When therefore a chill Hail-storm follows Lightning and Thunder, I ask which of these Two congeles the Hail? which kindles the Flash? Doth the Moon congele the Storm? It may be That's a *tepid* Planet: Is it the *middle Region*, and the *Antiperistasis*? then it would always Hail, not Rain, when it Thunders, especially for the Hottest days, the Fittest for the *Antiperistasis*: but when the *lower Region* we find is chill'd also, when it Thunders with Hail, and that at Mid-summer, who encourages this Cold? what enlarges its Confines? 'tis too late to talk of *Reliquia Hæmis* at Mid-summer or in July, nor to turn us off with the blind motion of the Matter. For what is Uncertain and Confused, is Casual, and Casualty is inconsistent with Science, so inconsistent that it is not to be pleaded by any Lovers of Learning.

§ 7. Lastly, the *contrariety* of the Accident to the Time: when e. g. after a Set of close and muddy Days, the Air takes its *qu*: and clears up at *Mid-night*; what removes that Curtain? 'Tis scarce the nature of any Night to remove Clouds, her chill Constitution doth rather *settle* and *fix*, if not seem to *gather* them: the Moon hath not such power, for supposing she be up, the Sun sometime is hard put to it to take a Mist from the Earth, much more the Moon. The like we say for Winter, the *Absence* or Depression of the Sun makes cold Weather, but How come *Winters* to be *warm*? warm ordinarily for a Month or more, when the *Daisie*, *Anemone*, the *Strawberry* shall blow, and proclaim a favourable Season? The Moon for half the time is in *Winter-signs*, as low and humble as the Sun. Add, when it happens thus, that the Day and Night are ordinarily *like* as to the Constitution; yea the Winter-Nights have commonly most to do, being tempestuous at least in the latter end of *October* and *November*, nay sometimes *foultry Nights* are found in *November*, as sometimes *Thunder* and *Lightning* at *Christmas*. Many a Summer passes, and it Thunders not; can a Winter-Night be warmer than many a Summer? can the Sun in its lowest Degree and Absence withall, be more Potent, than in Presence and Verticity? 'Tis more possible for the Sun to raise Thunder in the Frozen Zones, if appearing above the Horizon, than to play such Pranks in his Winter *Nadir*. As for the Moon, how can she by Night or Day operate when she is under the Horizon? a Tempestuous Night continues and takes no notice of her Setting, and it may Thunder and Lighen in the Winter-night before she rises: the Moon, as we said, doth not so much as look as if she liked such Roister-company.

## CHAP. VIII.

*The other five call'd into the Militia. Planets not made for Illumination only. Light and Heat the same spirit. All the Planets have their Influence. Not all of the same Nature or Operation.*

§ 1. **T**Here are therefore some *Satellites*, which we spake of, to be taken into consideration; those five Lights, which have been call'd of old by those Heathen Names of *Saturn*, *Jupiter*, *Mars*, *Venus*, *Mercury*; notwithstanding which, even by Scripture-precedent may be innocently used.

§ 2. To our purpose, 'tis enough that they are *Lights*; for no Star, no Light in the Heaven was made for *Illumination* only, few things in Nature are made for one single end. For how many Ends was the *Tongue* given Us, or the *Wing* given to the Fowl: without it the Fowl cannot fight, nor procreate, nor keep its Bill warm, as well as not fly without it. For the Planets and other Lights are for half their

time

time *invisible*, they are with the Sun in the *diurnal* Hemisphere, as well as in the *nocturnal*, and therefore were not made, no not the Sun it self, for a naked Illumination. If the Moon were made for Illumination only, she would never appear by day, when there is no need of her Light; nor ever disappear at night, when there is need. Sure *Mercury*, so seldom seen, unless in *Southern Climes*, was not made for Illumination only or chiefly; to say nothing of the *Satellites*, properly so called. If an *Atheist* should accuse the disorder of Nature, and through that pretence deny the Wisdom of an Eternal Providence, by urging the appearance of the Moon by day, or the hiding of *Venus*, *Mercury*, *Saturn*, &c. and half the Numbers of the *Fixed*, which were made for *Lights*, I would teach him this Truth; That no Star in Heaven was made for Illumination only: they were made for *Influences* i. e. (for we are not enamoured with any occult Qualities) the *Distributions*, the *Supplies* of Heat as well as Light. For

§ 3. Since *All Bodies* Celestial are *Lucid*, either by an *Innate* or *Reflex* Light, they must all of them have a Warmth more or less, at least some quality that is *homogeneous* to it.

§ 4. I said *Homogeneous*, because though *Light* and *Heat* do differ *incredibly* in their Expansions, the Spheres of their Activity being so *incomprehensibly* disproportionate (as we see by the *measures* of the *Warmth* and the *Illumination*, the Illumination reaching as far as the Pyramid of its Viliolity, which may be for four or five Mile, while the Warmth extends not above so many Yards) yet they are *really* and substantially the *same* spirit, though differing *formally*, as they may relate to *several faculties* sensitive, the one to the *Eye*, the other to the *Touch*.

§ 5. The *Sun* is the Fountain of Light; the rest of the Planets, it may be, are but *Reflexions*: notwithstanding, if they are no better, those Reflex Bodies, as is apparent in the Moon, beside their *Magnitude* and *Approximation* to the Earth, may have such *Concavities* and other *Difformities* of Solid Surface, that even the *Reflexion* may conceive *Heat* sufficient for what Operation they are destined.

§ 6. The *Sun*, 'tis true, the Holy Scripture calls a *Light*, but not a *naked* Light, for Experience it self tells us, that there is nothing hid from the *Heat* thereof: the *Peripatetick* Fancy hath no *foundation* nor in one, nor in the other, nor *Scripture*, nor *Experience*.

§ 7. Mark then, as the Sun hath his *Diurnal* and *Annual* motion from *Tropic* to *Tropic*, so the rest of the Planets have their *Diurnal*, *Annual*, or other *Periodical* motion between the same termes. Therefore all the rest have their *Heat* also. For no other reason hath or can the World give, why the Sun should move *to* and *fro* in the *Obliquity* of the *Zodiack*, but for the application and subtraction of his *Heat*, which I call *Influence*. It follows therefore that the rest of the Planets which are appointed to the *same oblique motion*, must have some *such Influence* to distribute: 'tis a Demonstration à *Fine*, and such we take, supposing *Providence*, to be good.

§ 8. We have not without cause therefore justified the Astrologer on the Moon's part, when he makes us believe, that according to her motion there is a kind of *Lunar* Spring, Summer, latter Spring, Winter, according to her *Posse* every month. So though the Sun be the chief, as the Rose in the *Posie*; yet every little Pink hath his Sent, and a little Sagacity will distinguish them.

§ 9. Those of the *longer Period*, ♄ & ♀, to those that are Masters of Observation, shall be found to bear the same Proportion, making a *Vernal Temper* (for their parts) on the *Equinox*, an *Astival Temper* in the *Northern Signs*, and the contrary in the *Southern*. For ♀ and ♄ it is clear, that generally the later is the Spring when they are behind the Sun, and the more early when they shoot before it.

§ 10. But the Heavenly Bodies must be found of *different Natures* so far forth, as to favour *Cold* as well as *Heat*; and *Dry* as well as *Moisture*: or else no Art can give a rational account of the Contrariety of the Constitutions depending thereon. Thence all *Astrology* hath been forced to find one chiller and colder

*Planet* than the rest. And sure it is, notwithstanding their Light and Radiance, that they are not all of the same Energy or Operation.

## CHAP. IX.

*Natures of the Planets according to the Antients, then according to Truth. Not ♄ but ♃ the Coldest Planet. Cold no Privation. The Primum Frigidum. How a Lucid Body can patronize Cold. Light is the Spirit of the Universe.*

§ 1. **P**tolemy hath not adjusted the Definitions or Properties of the Planets beyond Exception.

§ 2. The greater misery is, that they do not agree, so much as I could wish, with modern Experience; let the Curious Naturalist enquire, for the Planetary Definitions are the Fundamentals of All Astrology, whether Legitimate, or Suspicious.

§ 3. Ptolemy, and All Astrologers after him, say thus. First, the Nature of the Sun consists in a moderate Warmth, and Brought: *μετρίως ποικίλῃ θερμότητι, &c.*

§ 4. ♄ nature is Moistening, with some degree of Warmth: *τὸ πλεονέχον ὑγραντικὴν—μετρίχως δὲ μετεωρὶ θερμότητι*.

§ 5. ♄ is the Cold Planet, Cold and Dry; the First in an intense, the Latter in a more remiss degree: *τὸ μὲν ψυχρὸν πλέον ἔχει, τὸ δὲ ξηρὸν μετρίωτερον.*

§ 6. ♄ is (contrary) Hot, Dry, and Burning: *καυστικὸς. διὰ τὸ πυρῶδες αὐτοῦ.*

§ 7. ♃ of a temperate faculty, warm and moistening, but rather warming: *θερμαίνῃ αἶμα καὶ ὑγραίνῃ, ἀλλὰ τὸ πλεονέχον ἔχει τὸ θερμὸν—ὠκεῖον ἔχει δύναμιν.*

§ 8. ♀ temperate as ♃, only with this difference; that whereas ♃ warms more, moistens less, ♀ only contrary, contributes to Warmth less, and more to Moisture: *τὴν αὐτὴν ἔχει ἐνταπasia &c.*

§ 9. ♀ is indifferent, as to Moisture or Drought, sometimes for the one, sometimes for the other, *ἔστιν ὁποῦτε μὲν ξηραίνει, ὁποῦτε δὲ ὑγραίνει.* Elsewhere he saith somewhat dry, *ὀπίξινος*, contrary in that to ♀.

§ 10. Ptolemy his Evidences are from Sense, and Reason, the Difference of their sensible Magnitude, the Difference of their Colour, their Difference of Situation in respect of the Earth, and Sun.

§ 11. Now the Sun's Heat he argues (because All Disputation is plausible in its first Theoremes) from the Administration of the IV. Seasons, the Approaches of the Sun to the Zenith, witnessed (as he saith) also by his singular Magnitude.

§ 12. The Nearness of the ♄ to the Earth, being moderately warm, by the Sun's irradiations, draws up Moisture. He doth not say draws it up even to the Lunar Sphere, as if the ♄ were affected by the Earth, or thereby formally moistened; but more truly and innocently he speaks of an indefinite Attraction of the Sublunar Moisture, defining no term or height of that Attraction, nor is there any necessity of such Definition, no more than in the Sun, which notwithstanding is attractive of the same.

§ 13. The distance of ♄, saith he, from the Earth makes him Dry, and the distance from the Sun makes him Cold.

§ 14. While the Fiery Constitution of ♄ is as evident from his Colour, so it is as justly concluded from his vicinity to the Orb of the Sun, which lieth next under him.

§ 15. The situation of ♃ between the extreme coldness of ♄, and the burning of ♄, makes him temperate, yet not so but that the subject Spheres of ♄ and ☉ both bequeath him a warming Influence.

§ 16. The



§ 16. The vicinity of ♀ to the Sun gives her *Warmth*, while she contributes also to *Moisture*, as the ☿ doth, and that by the greatness of her *Discus*,

§ 17. ♀ is a *Dryer*, he saith, because never far from the Sun in Longitude; and a *Moistner* also, in that he bears upon the Moon's Orb, the greatest Contributor to Moisture. Thus far *Ptolemy*, *I. 22. Tetrabibl.*

§ 18. Now as to the Effects, they are put answerable to the premised Definitions, as may be gathered from *Ptol. lib. II. c. 9.* in which Chapter he treateth of the Planets in their best advantage, their *Lordship* he calls it; and there ♀ (saith he) because of its Dryth, raiseth *Winds, Lightnings, Thunders, &c.*

§ 19. ♂ brings *Heats, and Droughts, and Thunders, and Stormy Winds.*

§ 20. ♀ healthful and temperate Air, yet with Wind, and competent Moisture.

§ 21. ♀ also the same, temperate and serene Air, with Wind, and fruitful Showres intermixt, in the whole as ♀, but with a greater *suavity*, *κατὰ πλείονος πρὸς ἡδυστάτην*, as *Ptolemy* pleases himself in the Expression.

§ 22. ♀ produceth terrible Cold, and Frosts, and Snow, and Hail, and Mists, and Clouds, and dark Air.

§ 23. To the premises they reduce the determination of the Winds, when they make ♀ cause the East, ♀ and ☿ West; ♂ South, ♀ North.

§ 24. And what can Observation pretend to more? and how can They be vain, which are so *specifick* and precise as These seem to be? And if so, how chance They have not got footing in the World amongst other *Liberal* parts of Knowledge? Surely, 'tis more easie to arrive to the knowledge of their *Natures*, than of their *Motions*; yet the World hath advanced to the Latter, and That with repute, and starce as yet to the Former?

§ 25. I say therefore, toward the Enucleation of the Question, *First*, that the Planets, in Number VII, are more than *numerically* different; That very Difference with a modest Disputer, is apt to perswade there is a *Difference in Nature*.

§ 26. *Secondly*, as to their *distance* from the Earth and the Sun, there is some *Secret* lies in it: 'tis so considerable, so deliberate a work of the most *High Creator*, that I think from hence alone a man may boldly pronounce; that it is not indifferent to the *Systeme* of the World's Well-being; whereabouts the VII Planets are situate. This, as reasonable as it is, will be more strongly inforced from the Doctrine of the *Perigee, &c.*

§ 27. *Thirdly*, since the Difference of their *Colour* ariseth not from the *Medium*, but from the difference of the Spirit, (as in *Camphire* and *Brimstone* inflamed, the Flames wear several Colours.) This must argue some *Difference of Consistence*: since in serenity of Air, in all Climes, the Moon hath her *smooth-faced* lustre, ♂ his *fiery beam*, and ♀ his *dimmer glare*.

§ 28. We do not desire to imagine, that the Planets are ought but *Reflexions*; yet we say withall that so Vast Bodies receiving the Ray which they Return, may be of such several *Consistences*, and different *Fabricks*, that there may be found as much variety in them as in other *Reflexives*, *i. e.* *Plain, Convex* or *Concave* Glasses, of which the one will generate *Flame*, and the other are too weak for such Generation. Thus the Tiles and Lead on the House-top, by reason of their consistence; while they reflect the Sun-beams, conceive such Heat, as is not to be endured by the Palm of the Hand.

§ 29. *Fourthly*, we say that though there be two Contrarieties to be inquired into, first of *Hot* and *Cold*, then of *Moist* and *Dry*, Ours will be but only after the First Contrariety, in as much as the Second is an *Affix*, and an *Appendage* to the First. Because it will be very easie to say, from what hath been said before, that every Planet as it partakes of *Warmth*, is thereby apt to produce *Moisture*; whence the Sun it self being *Hot*, must also be defin'd to be *moist*: for though the Sun drieth up the *Moisture* fallen, yet the same Warmth first attracted the Vapor; and the Vapor so attracted, with a little help from the Contrary Quality, (of which we have said we cannot be always sensible *chap. 2. § 9.*) condenseth it into a Drop: for he



and  $\nu$  both are Moist but only by an *extrinsec* Denomination, as much as they contribute to the attraction of it.

§ 30. *Dry*, in respect to the Earth, the Sun may be called; but in respect of the Air 'tis a *Moistner*. The *Meteorologer* respecteth not the Earth but the Air; wherefore though *Ptolemy* hath put only *Dryth* into the Sun's definition, he cannot oppose this which is said of Moisture.

§ 31. And thus the rest of the Planets also,  $\delta$  &  $\nu$ , if they prove to be *warm*, by the same reason must be admitted to be *moist* also, in our sense, though *Ptolemy* I see scarce mentions Moisture for an Effect even of  $\delta$  himself, in the Chapter above quoted.

§ 32. To proceed then, no Planet can be said to be *Dry*, i. e. a causer of *Dryth*, but what is a Favourer of *Cold*; in as much as if *Warmth* be the producer of Moisture, *Cold* must be the *Resister*, as the truth is it doth resist, dissipating or discontinuing the fatter vapour, by the immision of a cruder Atome.

§ 33. Hence it follows much to our purpose, that *Cold* must be the Parent of *Serenity*, which is briefly proved by this; that the *Cold Spirit* is more pellucid than the more opacous and *unctuous* vapour, which it dissipateth.

§ 34. Since then we are bound to inquire into the first Contrariety of Heat and Cold, that from thence we may find out their due Complications with Moisture and *Dryth*, we say

First, that the Sun is a warm Body, and that of the same kind with what is called *Elementary Warmth*.

§ 35. Not that He is the *primum Calidum*, for That is *Fire*, or That Diffused Spirit which is found indeed in the Sun, and other Celestials, but not confined to them, rather distributed through the whole Universe to All its mixt or compound Bodies, the *Mines* Subterranean especially comprehended.

§ 36. The Moon hath her *remis* degree of Warmth, demonstrable as you have seen by many a fair Experiment, making up Her History; to which I know the more Curious can add more, that I may not say 'tis *apparent*, if watch'd at some opportunity, even to *sense*. A Perspective of  $IV\frac{1}{2}$  Foot, taking the Rise of the Moon after the Full in *August*, a warm day preceding, (that the Air may not be *Counter-disposed*) shall sensibly present the Planet's warmth to the Eye. The like have I found in a Summer-Even, sitting in a Southern Chamber, that the Moon being *eight* or *nine* dayes old, when approaching the Meridian, hath infused a *sensible warmth* into the Chamber, though the Sun were set.

§ 37.  $\delta$  is found to be endued with a Heat, if the Effect may judge *equal*, nay to all seeming, *superiour* to the Sun; yet seeing he acts by dependance on Him, as all the Rest do, we must compare None of them to their Maintainer.

§ 38.  $\nu$  hath a *warmth* more *remis* than  $\delta$  or  $\theta$ , more intense than  $\nu$ .

§ 39.  $\nu$  her Warmth is so *remis* and slack, that she seemeth to befriend a *Cold Influence*.

§ 40. There is only left  $\eta$  and  $\mu$ ; and it is very convenient that the *cold* Planet assigned should be One of these Two. It may be somewhat for *Ptolemies* reason, as also because None of the Planetary Bodies which pretend to Cold, except these Two, can *raign* (I mean *shine*) all Night, the most fit opportunity for Cold:  $\nu$  shines but part of the Night, and the  $\mu$  is too warm for the purpose.

§ 41. This supposeth I confess, that the Nocturnal *Cold* is ordered and managed by the *Celestial* Bodies, which is most certain, and will be evidenc'd hereafter.

§ 42.  $\eta$  indeed: (who can outface so Ancient and Loud Tradition?) goes for the Coldest Planet. He is indeed of a *Tapor* so low and indiscernible, that he may and must be reckon'd as a Favourer of *Cold*, and so far Experience justifies the Tradition.

§ 43. But  $\mu$ , ('tis well he hath obtained the Character of *Temperate*, as well as  $\nu$ ) is (oh let the *Paradox* be pardoned!) the Principal *Cold* and *crude* Planet: All the Rest are *warm* and *moist*, though in different measure, only  $\mu$  cold and *dry*,  
or

or a *Resister* of Moisture. I know 'tis a great Paradox, and therefore to some will be offensive: but it is such as wanteth neither Apology, nor Proof.

§ 44. Not Apology: for what? must we in earnest submit to every Tradition in Natural Science? There's nought I hope in Philosophy, but what appeals to *Posterity*, as to Sense and Reason, and will abide the Test of Natural Scrutiny. Philosophy is too ingenuous to impose upon us, to offer to deceive us by *Authority*. I grant the Authority of our Ancestors is Greater than is allowed by the *Junior Inceptors* of these dayes: Many are despised by Us, whose Wisdom we shall never attain to. But yet our Ancestors themselves have fixed Bounds to their Authority: They *swear* us indeed *not to corrupt* their Books, they do not swear us to *believe*. All they deliver. We must *tast* before we *swallow*, especially in that part of Philosophy which lies beyond the Moon, abstruse Theorems at a vast prospect and distance. In these I ought not to follow them hood-wink, to take All for granted as if They were First Principles, or from Infallible Dictates; They teach us concerning Heaven, but they came not from thence. I cannot give them their Due Praise, unless I *examine* their *Theses*; I shall be a lazy unwise person, if I do not. I shall be loath to betray the Generations of the World to Security, and Error. What Liberty the Antients have taken in a modest dissent from their Predecessors, is left to us for a Legacy. *Ptolemy* himself differs from His Seniors the *Egyptians*.

§ 45. Not Proof: no not from the Antients themselves. For first, though They declare him to be Moist, yet they teach us also that He is a Raiser of Winds, (*Prot. l. 20.*) which by nature are a Dry Exhalation, and Cold too. 2.  $\mu$  is the only *Aeolus* that blows up the North-wind, say both Antients and Moderns, and they say truly, a second Argument that  $\mu$  is the Coldest. 3. With one mouth also They truly and consequently affirm, that He is the *Parent* of *Serenity*; but if the Cause of Clouds and Vapor be Heat, the Cause of Serenity is Cold, the *Cleansing* Spirit of Cold. Add, that we shall see hereafter, how No Aspect Planetary causes Dryth, but every one of them more or less incline to Moisture, except  $\mu$  be one; therefore if Cold be the Author of Dryth, (*Dryth* I mean in the Constitution of the Air)  $\mu$  is that Colder Planet. Yea so manifestly is He the favorer of Dryth, that he shews this Influence not only in Serene and open Air, but in Cloudy and dark Air, where many times he *suspends* the Moisture, and (as the Vulgar speak, when in Cloudy Air a Dry Wind blows) *It keeps up the Rain*. Nor is it to be conceal'd, that in All Fogs, and Mists  $\mu$  hath Influence, which argues a dry turgidous Exhalation mixt with Moisture, That Moisture which is found and maintained at the Cost of the Rest of the Planets.

§ 46. Colder and Dryer is  $\mu$  than  $\eta$  it self, as much as the North-wind is colder than the East: for though the East be cold and dry compared to the West, it obtaineth no such character compared with the North. But  $\mu$  is confessed *Parent Aquilonis*, Raiser of the North-wind, while  $\eta$  contents himself with the East.

§ 47. And for Dryth, Aspects of  $\eta$  are not found to *resist* Moisture, to cause Serenity, to raise dry Winds, to cast a Fog; a Cool Constitution it may profess, but with inclination to Moisture: for admit it causeth Snow, I desire it be consider'd, that 'tis one thing to *cause* Snow, and another to *cause it to fall*: and the Distinction will be admitted by them that consider, that how bitter soever the Weather is when Snow hangs in the Air, as they call it, yet the Weather *relents* in a sensible degree at the fall of Snow:  $\eta$  then may concur to the Solution of that Cold Mass, which  $\mu$  or some other hath created; but none contests so much for Cold as  $\eta$ ,  $\mu$  therefore is the Coldest. And let thus much at present serve for the *On*.

§ 48. Toward the *Διόν*, how  $\mu$ , or any other *Celestial* Body can be the *Parent of Cold*, we are willing to declare. First, what is the Nature of Cold, whether *positive* or meer *Privation*. 2. If Positive, what is the *Primum Frigidum*, Earth or any other Body. 3. What relation a Body Celestial can have to Cold, if Cold prove to be a *terrestrial Emanation*.

§ 49. Though some Philosophers have said that Cold is a Privation, and it seems

seems to agree to what *Ptolemy* would say concerning the Quality attributed to  $\eta$ , the remotest of all from the Sun: yea though I think it manifest, that some things called *Positive Qualities*, are no better than *Privations*, as Siccity, Diaphaneity, Softness, &c. yet I take it, that Cold cannot be said to be such.

1. Because though it be necessary upon the removal of Moisture, I must understand the Subject to be Dry; yet there is not the same necessity, that on the Removal of Heat, I should apprehend the Subject to be Cold. Hence some Philosophers have (it may be not absurdly) defined, the Air to be *Neither* of its own Nature, being the Subject and Receiver of Both.

2. Privation may be allowed a principle of Generation, but not of Constitution; but Cold is a *Constituent*, as in Metals, Glass, &c. *ingreditur opera Naturæ*. Hence a sudden Heat violates the Consistence of the Glass, whereas a Privation may be removed with Safety and Innocence.

3. Cold is *Active, Penetrative, Expulsive* of its Contrary, even as Heat; Active and Biting, Penetrative through Glass itself, where neither Air, nor Moisture can be transmitted: whose Action is so like that of Heat, that sometimes we take it to be the very same. For a Cold piece of Iron seems to burn the Hand, if the Sense of the Touch (not the Eye) be witness; *Expulsive* of the Heat, even Natural Heat: This is seen in Freezing of Beer or Wine, where the Spirits driven out of their Cells, retire to their Centre. In the freezing of Fruits, which upon a milder Constitution suddenly putrefie, the Spirit being not able to recover its former Mansion, by reason of the disorder created. Add the Gangren'd parts of Man's Bodies in cold Countreys, &c. the crumbling and scaling of Brick and Stone in Frosts that are extreme, &c.

§ 48. 47, a Spirit is no Privation, Cold is a Spirit, of such a Figure, saith *Democritus*, and not very absurdly, for the benumbing operation of Cold, curiously attended, betrays not the pungencies of the *Pyramid*, proper to Fire, but the Contusion of a Cubical Figure, which is the figure assigned to the Earth: but that Cold is a Spirit may be proved, because some Bodies enjoy a cool Spirit, Vegetables, as the Rose; Minerals, as the Nitre; and all Infrigidation is, performed by transfusion of a Spirit, as Rooms are cool by strewing of Herbs, Flags, and Asperion of sweet Water, Vinegar, &c. Wines in their Bottles are cooled by immersion into Water, the Water transmitting the Spirit suddenly through the Vessel. This Spirit is evident and awakened by the Motion: certainly if Heat be a Spirit, Cold is also a Spirit; and if the South-wind warms by the introduction of the One, the North-wind chills by the accession of the Other: and so much for the First, the Nature of Cold.

§ 49. For the second, we deem that the Earth is rightly assigned for the *primum frigidum*, and this may be gathered from the very situation it obtains in the System of the World, viz. the very Distance from the Spheres of Heat, being as good as in the Centre of the Sphere of the Fixed, even in *Copernicus* his *Hypothesis*. For though Cold be no Privation, yet 'tis not altogether becoming the Order of Nature, that Oppolites should have an opposite place, and be at local as well as at formal Distance. God hath not placed Heat at one of the Poles, if he had, sure he had fixed the Cold at the Pole opposite. Giving him therefore the liberty to place it in the midst of the Globe, the Frozen Zones must quarter on each side, as far distant as they can, and that is tantamount to Diametrical. For as to the Subterranean Fires, by Nature's great End placed in the Earth, they can put in no Caveat to our pretence, seeing they cannot belong to the Nature of that Element, though therein contained, no more than the Vegetable, or Animal Seeds that lie couch'd in the same. The same is to be reckoned of Hot Earths, Lime, &c. They conclude not the Earth of its own Nature, indifferent to Cold or Heat, no more than Hot-waters artificially extracted, or Hot Baths for the Nature of the Water conclude any such indifference. But that Cold is an Earthy Spirit, whence shall we more evidently conclude, but from the consistence of Ice? Ice hath a *terrene* Consistence, therefore it depends upon



upon a terrene Spirit. For such cognation is there between the Consistence, and the Spirit actuating, that a man may safely conclude the one from the other. The Vegetable Spirit is of the same Nature with the Plant, the Metallick Spirit with the Metal, the Fumid Spirit with the Odour, the Earthy Spirit with the Earth. We confirm this by consideration, that all Petrification is by intrusion of a Terrene Spirit, as in Wood, and other things metamorphos'd by petrifying Streams, is confessed. And what is Ice, but Water petrified? Add, that Ice becomes fixed by Incrassation: so Cold fixes or stanches Blood by incrassating of the parts. Hence the cold Spirit or Corpuscle dilating the Body, as in liquor congeled in Earthen Vessels, bursts the Vessel, and the Hand benumbed with Cold is more *swollen* and *gowty* than in open Weather.

§ 50. Further, Metals, or Minerals, which are the *coldest* Bodies, are of a Consistence *Earthy*, as Stone, Lead, Iron, yea Quick-silver, though a strange Body, is the Coldest, because it is so dense: for we may safely allow an Earthy Spirit in it, notwithstanding its *Fluor*, as well as in other Metals, which at least when melted are fluid. So much it seems to have of Earth, that though it be fluid, we see it moistens not; the whitish Hue I hope is no hinderance, since sundry Earths are of a Cretaceous colour.

§ 51. Again, every *Stupefactive* Spirit is Terrene, every Cold Spirit is *Stupefactive*. For what I pray is Stupefying, but *Congeling*? the Cold Spirit stanches Blood by Congelation. Thus *Dioscorides*, speaking of all Earths used in Physick, saith they are Cold and Stupifying: all *Narcoticks*, *quatenus talia*, will be found invested with such a Spirit, *Opium*, &c. the History of the *Torpedo* it self, I believe will prove it. Yea the Greatest Observers, that have been curious in this point, declare, that as according to the common Presumption, *Heat* tends *upward*, so the *Cold* hath a tendency *downward*, a Heavy Spirit, it seems then to be Earthy.

§ 52. But whether this Spirit be Saline, or Nitrous, or of Quick-silver, is none of our interest to define, 'tis somewhat too nice a discourse to be so particular. *Saline*, or *Nitrous*, are All Earthy, and, it may be, not so much different.

§ 53. Here, I confess, our Discourse is strongly checked by some of the *Noblest Observers*, who scruple to admit any prime Recipient of Cold, as not necessary there should be a *πρῶτον δεκτικόν* of all Qualities; for there are None assignable, say they, for Gravity, Figure, Motion, Colour, Sound, &c.

To the Vindication therefore of such a Principle, let me crave leave to distinguish, first of Qualities, then of the *Prima Recipient*; and say first, that in all Qualities, whether Powers Natural, or their Sensible Objects, *Heat*, *Cold*, *Humour*, *Siccity*, *Light*, *Colour*, &c. as also Qualities more Material, such as consist in the several *Texture* of Matter, *Density*, *Rarity*, &c. we must carefully distinguish between Them and their *Privations*; the rather, because the Philosopher saith rightly, that the same Sense is Judge of both: for tis no reason to look for a *πρῶτον δεκτικόν* of *Privative* Beings, but only of *Positive*. Thus it will be vain to look for a Prime Recipient of *Siccity*; the Fire being dry, and the Earth also, and neither owing that *Quality* one to the other, because being a bare *carentia* and *Absence* of Humidity, all Bodies so deprived must *aquè primò* rejoice in that Denomination. Thus I take it, is *Rarity* nothing but a *Privation* of Density, Softness of Hardness, Smoothness of Asperity, Fluor of Solidity, Friability of Viscosity, Leanness of Fatness, *total* or *partial Privations*. For the Prime Recipient, though it be commonly a certain *species*, yet 'tis not always so.

§ 54. There are Properties which follow the *Genus*, as All men must confess, such are the known Properties of *Quantity*, *Figure*, *Place*, *Motion*, *Time*, *Gravity*, *Colour*, *Sound*; *Figure* I say, for if *Quantity* be such a Property, then *Figure* must also, however it be called *Quality*, or otherwise a Property of *Corpus solidum*. Then *Motion*, for be the principle of Motion what it will, *Matter* or *Form*, or *Finiteness* of *Nature*, 'tis plain 'tis a common Generical Attribute to which it is annexed, we may call it *corpus*, or, if you will, *substantia finita*. Then for *Gravity*, we have a Ge-



neral Recipient for That, whether in the new Philosophy, which reckons All Elements to be *Gravia*, as tending to their Centre, Fire it self seeming to tend upward only on this account; or in the more *stale* Philosophy, which makes Earth, Water, Air *Gravia* in comparison of Fire; I say, according to the one, the Prime Recipient of Gravity is *corpus Homogeneum*, supposing the Heavy substance out of its place; and *corpus Opacum* according to the other, understanding it here as opposed to *Lucidum*; in which sense Air, Water, Earth are opacous, and therefore Gravitating, as being destitute of That Spirit which tendeth upward. We say the same of *Colour*, that *corpus opacum*, but as distinguish'd to *pellucid* or *Diaphanum*, is the Prime Recipient of it; *Colour* being nothing else but a nice mixture of Light and Opacity. Yea for *Sound* it self we give a prime Subject, and That is *corpus Spirituosum*; it being the Spirit that is the Subject and Vehicle of the Sound.

§ 55. These things being premised, I say, that All *Qualities*, truly so called, positive Beings, not privative, have necessarily their Prime Recipient in the *Species* or the *Genus* at least: *Heat, Cold, Humectation, Taste, Odour*, All Sensible Qualities, have their Prime Recipient; it being hard to find *Humectation* where there is no *Water*, *Cold* where no *Earth*, *Taste* where no *Salt*, *Odour* where no *Oyl*, *Light* and *Heat* where no *Fiery Spirit*. And what do we say of the Second *Tactile* Qualities, *Crafsitude, Solidity, Density, Hardness, Roughness*? The *Earth* no doubt is the Prime Receiver of them All, so that where there is *Solidity* and *Density*, there is *Earth*, as *Plato* saith, even in the Stars themselves. For *Viscosity*, unless we say 'tis a Compound Complicate Quality, *ex pingui & arido*, and so get off from the necessity of assigning a Prime Recipient; as there is no Prime Recipient of *Tepor*, and *mixt Colours*; so otherwise we may nominate a *Gluten* to supply That place, with the same liberty as the *Chymists* name *Sulfur*, and *Salt*: for if it be said that there is no such *species*, in which this quality inheres, no more is there any *species* of *Salt* and *Sulfur*, the Prime Receiver of *Savours* and *Odours*; they are *Generical Natures*, common to all *Sapid* and *Odorate Bodies*,

§ 56. Surely, unless some Recipient be admitted, both in *Active* and *Passive* Qualities, the *Family* of Nature will be at a loss. The several *Tribes* of *Hot*, *Cool*, *Sapid*, *Odorate*, how manifold soever in their Natural Colonies, must needs depend on some prime Propagator, as all Families do.

§ 57. I will not say this is in imitation of God himself, and his Communications, (Nature being nothing else but a *Sciagraphy* of Divinity) who being a Creator hath ordained a Generant, communicating *Essence*, and *Gifts*, and *Graces*, Himself being of them All the *πρωτον δεικνυν*.

§ 58. And truly, when upon a just Induction made, we may find a prime Subject for all the *Active* Qualities (truly stated,) as *Light, Heat, Cold, Humidity, &c.* why we should not seek for prime Subjects for All the rest, which are absolute perfections of the Subject in which they dwell, I see not, seeing the Fabrick of this Great Universe, though it be abstruse, yet it is such as doth encourage Enquiry (not discourage it) by the Mutual dependance of Causes, the Second on the First, and the Third on Both: the Creator being admirable, not only in the Number, but in the Order of his Creatures. To find *Fire* in *Fish-bones*, *Rotten wood*, *Tastes* in *Dews* as well as *Plants* and *Minerals*, *Stenches* in *Mists* as well as *Puddles*, and All through the communication of the same prime Subject, encourages a Modest Enquirer, and brings him to the knowledge of a *πρωτον*, the prime Cause of All.

§ 59. Neither is the prime Generical Recipient to be thought an Empty Notion, as if Universal Natures subsisted only by the Operation of the Intellect, and did not exist *a parte rei*; for certainly They are guilty of the Empty Notion, that make a Nature, not We that find it. Surely the *Individual* borrows all its Reality from the *Species*, unless his *Essence* be a *fiction*, and the *Species* in part from the *Genus*: the One is a *Modification* of his *Universal*, the Other a *Difference*; and thus far for the second Enquiry.

§ 60. Now *thirdly*, what Relation a *Body Celestial* may have to *Cold*, if *Cold* be

be a *Terrestrial Emanation*, is the next Enquiry; seeing Reason, as *Cardan* confesses, makes them All without difference *warm*, even h<sup>e</sup> it self if he be Luminous. *Resp.* The Nature of the Planet is to be estimated, not from his Magnitude only, and Distance, and Light, and Colour; but much, if not chiefly, from its *Consistence*, and *Spirit*, if any there be that inhabits it.

§ 61. Their Bodies, of their own nature, are Opacous, but they are Pervious too. This is known for certain as to the  $\Delta$ , it is full of Cells and Concavities, of a vast Penetration; for otherwise, neither It, nor the Rest could so visibly, so potently reflect the Solar Incidences. As to the Spirit, all that believe the Sun to be of an *Igneous* Nature, as 'tis high time we should come so far, do resolve that there are Mines of *Sulphur* in the Sun, which minister an Eternal *Pabulum* to the Flame, as the Mines do to our Hot Baths. This is so certain, that the Assertors of the *Macula Solares* know not what else to define them, but *Sulphureous Fumid Exhalations* issuing from it.

§ 62. Again, all that are Curious Observers of the  $\Delta$  do aver, not only *Mountains*, but *Waters* also placed there, which cover all the darkish parts of the Lunar Globe: and why may not God fill the Rest of the Celestial Bodies with a suitable Spirit? The different Colours both of Planets, and Fixed Stars, do more than probably argue a difference of Spirit lodged in them. 'Tis not impossible but some of the Heavenly Bodies may partake of the Cold Spirit in common with the Earth; as the Subterranean *specus* partakes of the Warm Spirit, the Fires that rage there, in common with the Heavens.

§ 63. What Mines of *Sulphur* may be lodged in  $\delta$ , what Treasure of *Nitre*, or *Camphire*, or *Quick-silver* may be in  $\gamma$  or  $\mu$ ? the Expiration of *Camphire*, even *flaming*, cools a Room. Who can refell this with any better Argument than a Smile? What know we their Internal Constitution, *Where were we in the day of their Creation*, that we should pronounce of their *Natures* but by their *Effects*? If thus it should be, how facile, how explicate is the Solution of this great Question: Celestial Bodies, though Lucid, though *Fiery*, may have some of them a *cold Emanation*, and at their opportunity they may cause a Winterly Weather, not only by their chill Emanation from above, but by the consequent Attraction of the Cold here below, as all Homogeneous Bodies naturally observe one another.

§ 64. Verily we seem to flutter near some Truth, when the Scripture it self seems to teach us so monstrous things as *Waters above the Heavens*, placed there, wot you what but for the tempering of Celestial Heat? or some worse, because unknown reason? *Ger. Voss. de Idololatr. II. 39.* and our own Learned *Gregory*, beside the *Jew* and Ancient Christian: what may there not be contain'd in the Celestial Bodies, (Seas or Mines) if there may be Elementary Bodies in the utmost Circumference of the Heaven? Our narrow Imaginations cramp the Planets, as far as the Distance diminishes them to sight, not daring to look into the vast Continent of those unknown Orbs, which it may be are as little Homogeneous as the Globe of the Earth, which seems a Globe of Dust, and *similar Mold*, to those that have not descended into the heart of it, to those that have not viewed the *Fossiles*, the *Minerals*, *Metals*, *concrete Juices*, *Subterranean Fires*, &c. 'Tis clear that the Planets are not made only for *Reflexion*, but also for *Modification* of Light and Heat. And Light, if there be any *Conmate* Spirit in the Lucid Body, is apt to convey the Radiation, as the *painted Glass* transmutes its Colour along with the Beam, that shoots through it: the variety of the Colour, we must say again, doth argue a difference of Spirit and Consistence, as in the Yolk and White of an Egg is manifest.

§ 65. But  $\mu$  may be cold as the  $\Delta$  is *moist* (no Waters, no Lakes, no Seas supposed) by extrinsecal Denomination. We say <sup>2<sup>d</sup></sup> then, who knows but that *Light* and *Cold* may have kindness one for the other? 'Tis a great Speculation that is before us. When I was arrived in Philosophy so far, as to hearken to the discourse of the Spirits of Natural Bodies, to which by Assent and Experience Universal all *Activity* belongs, and finding that what they call *Spirits*, were for the most nothing

but *igneous* parts of the Compound, I justly cry'd up *Avicen* the Physician, who owns the Elements Actual Existence in the Compolition, as the Existence of Fire among the rest: but when I was advertised from so great Authority as my L<sup>d</sup> *Verulam*, who somewhere tells us, that amongst Natural Bodies there is found a *Cold Spirit*, I confess I was at some Loss, as to the stating the Question Affirmative, every *Spirit* being the Actuons part of the Body. Attending farther therefore to what was propos'd, concerning Heterogeneous Mixtures found in the same Body, by reason of which the same Vegetable or Mineral may be qualified sundry wayes, as in *Salt, Pepper, Opium, &c.* consisting of a Hot and also Crude Spirit, subtilty weaved together, I began to admit of a *cold spirit*; or rather having admitted it, to guess the Reason of its Activity, as borrowed from the vicinage of the warmer Corpuscles, as if a Spirit were nothing else but the *Igneous Particle incrusted* in the Body; as if the Spirit were Active upon one account, and seem'd Cold upon the other. For Cold it self, at least in comparison of Heat, is but a *dull and slow* Quality; that it may be a great question, whether setting aside its Figure and Gravity, it hath any *pure Activity* of *Influx* or *Emanation*, or no: for the Pressure it makes by reason of its Gravity or Figure, is not Activity of Emanation, such as is found in Fire; This it owes to Warmth perhaps. So that if God should annihilate the Celestial Warmth, there would be no Elevation, or Emanation of a Cold Spirit, all would sink and lye flat upon the Surface of its Cold Earth, as in a most unlively *Chaos*. Hence it may be, before God was pleas'd to make the *Light* or *Heat Celestial*, the Spirit of God is expressly said to *move on the Face of the Waters*, to keep them in their serviceable (and therefore Natural) Fluidity, which otherwise would be fullen, and put on their Ice, unpliant, and unserviceable Rigor. For the *Subterranean Fires*, too much made of by some, cannot so much as considerably supply the want of the *Celestial*; since 'tis notorious, that on the top of *Aetna* it self, there lies all the year a continual snow.

§ 66. The Heat then of Celestial Bodies may be such a friend to the Activity of the Cold Spirit, as to raise it from its Centre, and keep it up in suspense, as under the Poles it doth, toward the generation of *Wind, Snow, Mists, Clouds, &c.* what the Northern Voyages sufficiently testifie, testifie I mean concerning the Heat that is many times felt there, amidst the very *Mountains* of Ice. In this case Cold first acts by Corporeal Contact and Gravitation of Those Bodies that wade in the Atmosphere: That's one way.

§ 67. But again, the same Agent that raises that Exhalation, may, if it be encouraged, hurry, and drive the Cold *Atome*, and impart a forced Activity to it, as in the generation of *Hail* may be seen, and in all cold *Winds*, and especially on those signal times, when *Frost* and *Ice* is found on the ground, the Sky having been Cloudy, by the piercing of a *sharp Wind*, busling all the Night before. That's a second.

§ 68. But sure Cold appears not always under a forced, sometimes with a proper and Natural Activity, being quick, and agile, *penetrative*, and pungent, like the *Fiery Atome*, entring the Body, and following the Leading *Atome* with a vehement *Nisus* into the same; nor by Gravitation only, because then there would be but little Frost within doors, where there is little Gravitation, yea all Congelation would begin at the top only, when as in Vessels of Wood and Metal, the side and bottom of the Water is usually as soon congeled as the top it self.

§ 69. Let us see whether *Light* have no Energie in this matter. Surely if any thing may be entitl'd to what Philosophers call the *Spirit of the World*, This is it, the smallest and most Active Body in the World; in Motion confess'd to be *Instantaneous*, in subtilty incredible, and absolutely incomprehensible. The vast Activity of *Flame* is seen in the force and swiftness of a *Ball* discharged from *Cannon, &c.* in the prodigious *Eruptions* of Earthquakes; but *Flame* it self comes short of *Light*, as to Activity, as far as the Sphere of *Calefaction*, as we have said, is narrower than that of *Illumination*. An *Inch* of *Flame*, if it multiplies it self but in one straight line to the Eye, at three or four Miles distance, of how rare, how subtle Particles must



must that one *single Ray* consist? But when that *Lucid Inch* (as all Luminous Bodies spread themselves Spherically) shall send its Beams through 10000 Lines so far protended, even as many as the Eyes, which can be imagined to be placed in all differences of Position; I say it argues the *Light* to be, for *subtlety of Essence*, and *swiftness of Motion* (for the One follows the Other) *incomprehensible*. Hence I may argue thus: The most actuous Substance in the world (I value not whether the *Peripatetick* allows any such Notion, or no) is the *Spirit of the World*, But *Light* is such, *Ergo*. *Light*, or *Heat*, One of them is; but the Premises rightly consider'd, it will be found, that (since Both are Active) *Light* hath not its Activity *quatenus* of kin to *Heat*, but *Heat* rather, *quatenus Luminous*. From hence doth *Heat* learn to shed it self into a Sphere of *Warmth* round about, because it is of the *same Nature* with *Light*: but *Light* is the *πρωτη δυνάμις* of that Quality, and indeed of *all Activity*, at least as much as uses to be imputed to *Heat*, because in the Competitorship for *Sprightfulness*, we find one so *infinitely* surpassed by the other.

§ 70. This Discourse supposeth *Light* to be a Body, and may well do so, for very many Arguments not to be produced here; seeing 'tis enough that the *Peripateticks* I hope can produce no *Accident* whatsoever, *separable* from its Primitive Subject, or any Migration of the one without the other: the *Power of Matter*, and *Eduction* thencefrom, are meer Words, educed out of the power of a Verbal Philosophy.

§ 71. But then for its relation to *Cold*: before we speak of That, we must consider, that though the *Light* and *Heat* be substantially the same Spirit, yet for Doctrines sake, especially being different Objects of the Sense, they must be said to differ *specie*, even as Air doth from Water; though in the most probable opinion it differ only from it by a *vast rarefaction* or Attenuation. Just as our *Light* from *Heat*; on which account it may be true to say, that *Light* is the Author of some Action in Nature, which *Heat* is not: for the Heat and Light differ only in tenuity, or rarity, and density, the Seat of *Fire* being *neer* the center of the Luminous Sphere, while *purser Light* is neerer the *circumference*; the Sphere of Illumination being so Vast, the Circumferential parts of the Spirit of so incredible Subtlety, must of necessity be *denuded* from all manner of Heat real, and sensible, that whatsoever is ascribed to the Spirit so attenuated, may in no wise be thought reasonable to be ascribed to any thing else, such a vast difference interposing. So that it may not follow, notwithstanding the *Identity* of the Spirit, that if Heat be contrary to Cold, *Light* must also be deputed to the same Contrariety. Hence there is made way for a reconciliation to amity with the Cold Spirit, the Contrariety being removed.

§ 72. Now that *Cold* hath such *amity* and acquaintance with the *Luminous Spirit*, I prove, because *Cold* is an Active quality, *Active* by way of *Emanation*. Thus in Stone-building, that Room is the *cooler* for the walls sake, the Emanation from thence in frigidating the place: but if it be so active, whence hath it this Activity? we answer, from the universal *Luminous Spirit* implanted in it. This is confirm'd, because Cold is not only *active* in it self, according to its measure, as *Light* is, but it resembles also the *manner* of the *Activity*. Doth *Light* cast it self into a Sphere, Cold also hath its Sphere (its narrower Sphere indeed) of her Activity. Place it in the Centre, and all Parts shall feel its Influence, so do all things imitate or rather express the motion of the Universal Spirit.

§ 73. Nor can it be otherwise imagin'd, since into the most deep recesses of the Earth 'tis believ'd the Light of the Sun pierces through the Opacous Body, giving *Life* and *Spirit* to every Mineral there in his kind. Then what Influence the Heavenly Light hath on the *Animal* and *Natural Spirits* all the World seeth; how cheerfully and *briskly* our *Spirits* behave themselves in a *serene* Season? How *dull* and *cloudy* in close Air! what alteration our Bodies find at night! how torpid our Limbs, and given to heaviness, compos'd for sleep and darkness! A little Light we see raises us, wakes us, calls for the Spirit to the *Circumference*, *cheereth the sick*, is welcom to those that are frighted with *Spectres* and *Phantasms*, the Day salutes us



All, and bids us good Morn. The Morning Cock chants not but upon warning given by the Light. The very *Vegetable* Spirit in Darkneſs is a ſleep, (Darkneſs I mean of the *Time*, not of the *Place*, a great Argument for our Conjecture.) Hence the good Houſwife gives no leave to broach her Liquor in the Night-Season. Add that the ſubtle mixture of the Cold Spirit delights in the *white* Colour, Froſt, Snow, Ice, Hail, Nitre, Quick-ſilver: but *Whiteneſs* partakes of the Light, by which (I do not ſay 'tis viſible in dark, but) diſpoſed to more viſibility than other obſcurer pieces. Hence we answer an Objection, becauſe in the dark receſſes of the Earth no Light is perceptible. *Reſp.* The Spirit called Light or Heat, is *Innominate* of it ſelf, is only termed *Light* in relation to the *Senſe*; ſo that we muſt not conclude the *Non-Exiſtence* of the Spirit from the Non-appearance, becauſe more is required to the one than to the other. We ſee not the dancing Moles in the Air, but where the Sun diſcovers them, howſoever they triſk continually by us: no man by Night ſees the Lightſome Ray of the Luminous Body, if it run parallel to the Eye. Nature hath not given us Senſes to perceive all *poſſible*, but all *convenient* Objects; no *Microſcope* reaches All things that are really exiſtent.

§ 74. As to *Cold* then, who knows not that the *Brighteſt* Night in Winter, and moſt Star-light, are uſually moſt *Froſty*? *Dixeris Cælum eſſe frigidum*, ſaith *Kepler*, who rails the *Objection*, to which he gives little Satisfaction: nay, that the vehement Congelations are found about Day-break.

§ 75. All this concerns every Planet in the Heaven, not the Sun it ſelf excepted. I have wondred often at Winter-time to ſee Relenting Air in the Sun-ſhine, and freezing in the Shade; I concluded *two* things, both that *Cold* had its *Activity*, and that the very *Solar-light* was no Enemy to it, not the *ſecundary* Light, whatſoever it does if in its *primary*, or more perpendicular.

§ 76. Here it will be argued, how comes  $\mu$  *Light* to be the chief *favourer* of *Cold*, ſince All Light at ſuch a diſtance from the Centre doth the ſame? What ſhall we ſay? If  $\mu$  were the remotest from the Earth we had ſome pretence, but  $\eta$  hath that plea for his Title. If we ſhall ſay from the difference of his Fabrick and Spirit therein lodged, and this argued from its *whitiſh* Light; then  $\varphi$  will put in an equal claim. *Reſp.*  $\eta$  is moſt remote, but the *Conſiſtence* and the *Spirit* is different.  $\mu$  is brisker to all appearance,  $\eta$  glows darkly and ſullenly;  $\mu$  and  $\varphi$  are bright, and flaming Comet-like, neer to ſparkling and Scintillation, this argues a *quick* Spirit, while  $\eta$  glows within the Profundity of his Globe. Unleſs you will extort from us a confeſſion, that we do believe that the Reason of the crude Light that appears in  $\mu$  to lie in the crude Spirit, placed there by Nature, which we are not forced to avow; in the mean time ſufficiently ſalving the inſtance from  $\varphi$ , which we make not *equally crude*, by her vicinity to our Globe of the Earth, as alſo to the Sun. The beſt of it is, that Both theſe ways of Explication are hugely reconcileable, ſeeing a Spirit will ſecretly paſs along with a *Beam*, yea with a *Flame* too. So the *Sublunar Cold* ſhall be martial'd upon a double account, the *Agile nature* of Light, and the *Homogeneity* of the Spirit convey'd by it: as if it ſhould be thus with the  $\Delta$ , ſhe ſhould be the Lady of Moiſture, upon the ſame twofold reſpect, *viz.* the *Tepor* of her Beam, and the Sympathy of the Sublunar Moiſture with the *Lunar*. Surely this doth not ſubſtitute *violence* inſtead of *Nature*, when we ſay that the *Cold* Spirit may be acted *ab extrinſeco* by the Celeſtial Light: becauſe All *Light* (ſo for want of words we call that *Innominate* Spirit) is of the ſame nature, the Light Celeſtial with the Light or Spirit inhabiting the Sublunar Body; and by reaſon of this Homogeneity One is *naturally governable* by the other, the Inferior by the Superior; ſo is Iron *naturally*, not *violently*, though *ab extrinſeco* attracted by the *Magnet*.

CHAP. X.

*The five Planets added to the Luminaries solve the Phenomena. Winds blowing where they list hinder not their Prognostick. Turbulency of Air from contrary Causes. Jupiter (again) a resister of Moisture. The Planets not Signs only, but Causes. Dominion ascrib'd to them in Scripture.*

SO have we endeavour'd toward the settling of a Characteristic of All the Planetary Bodies, constituting some of a hot Spirit, and They either in a more Intense degree as  $\odot$  &  $\gamma$ , or Remiss as  $\nu$  &  $\eta$ , all Procurers of Sublunar Moisture; one and but one, how Lucid soever, yet either, indued with a Cold and Dry Spirit, or at least befriending it, no Procurer but a Resister of Moisture.

§ 1. And now All Variations of Air, reduc'd to the Laboratories of Cold and Heat, may be safely imputed to the Bodies Celestial, since they appear of so distinct, so contrary Energies; e. g. not only Rains and Thunders to Moist and Warm, but the Frosts and Winds to Cold Productives: the Winds, I say, to Cold Causes mixt with warmer; if with an equal Mixture, then the Winds are Dry, it with an unequal portion of the warm Spirit, then Rain commonly is join'd with them.

§ 2. And whereas our Principles profess to give Reason concerning the very Determination of the Winds; what hinders? for when our Lord saith, that the Wind blows where it listeth, He is far from making them Animate; He means that the Winds were indued only with an Interpretative Freedom, thereby excellently declaring the Freedom of Divine Grace, which often chooseth its Province where to blow. He doth not deny its Emblem a Natural Cause either of Existence or Determination, He only tells us the Origin of the Wind is Invisible, and the Range of it uncertain, not fix'd or bound to any one Point, from whence, or any Coast on which it blows; we know not whence it comes, nor whither it goes, we see not the first Head-Spring of the Invisible Cataract, nor how far it runs on drift: He doth not intend to deny, that the Heavens are the Cause of it, as in the Trade-winds and Monsoons are manifest, which God bringeth in their Seasons out of his Treasures, as the Psalmist speaks, *Psal. CV.* nay he maketh use of the very Prognostick of foul Weather, *ἄνεμος* saith the Greek, which in its Definition includeth Wind as well as Rain, from the Angry face of the Heavens, *S. Matth. XVI.*

§ 3. These things thus established, former Arguments that lay against the Assignment of the Sun and Moon alone, find their Solution: when we asked if the Account of the Constitution lay only on them Two, whence came the Storm, the Violence? it was scarce rationally imputable to two Stars only, but to Five more, as Potent every whit as They, well it may.

§ 4. We ask'd again, whence came the Duration of the Constitution, for the space of a Week, Month, &c? not from the two Luminaries alone, but from the Other Auxiliaries; seeing  $\delta$  sometimes is found to keep his Posture for a week unchanged, the like may  $\gamma$  and  $\gamma$ ; a Week said I? yea a Month almost, as  $\gamma$  ordinarily doth; yea  $\eta$  may hover about one and the same part of the Zodiac almost for the space of 8 Months, in his Stations, Retrograde Courses, &c.

§ 5. Next, as to the Unsuitableness of the Constitution to the Season, or the Time of the day. If nor Sun nor Moon alone can produce Warmth in the Night, the Rest conspiring with Him or Them may easily. If the Sun cannot raise Thunder in the Winter-Solstice, or at Christmas,  $\eta$  &  $\delta$  may be so posited, as to play such Gambols.

§ 6. Lastly, whereas we justly demanded of Those that make the Luminaries the sole Arbitrators of the Changes of the Air, *Unde frigus?* (a Question that exercises the Naturalist, as much as *Unde malum?* did the Christians of old) we have endeavour'd to find it a Terrestrial Spirit, call it what you please, Nitrous,

*Salt, &c.* This Terrestrial Spirit, regulated according to its vicissitudes, from the Modification of the Light Celestial, chiefly (among the Planets) by the Radiance of  $\mu$ ; by  $\mu$  I say, who for the most part is found by Experience to incourage Cold by his *Presence*, the others rather by their *Absence*.

§ 7. And this cold Cause I have confess'd *Astrology* is bound to find, since there are Constitutions of the Air existent, which manifestly argue Contrariant causes even at the same time: for what else are Nocturnal Lightnings about *Autumn*, often in Cold Air? What else are Lightning and Hail, Fire and Freezing?

§ 8. Hitherto must we bring All *Turbulency*, since all Trouble in Nature proceeds from Contraries, from *Antipathies* and *Impatiencies* mutual of Several Natures at the same time engaged. Thus shall we see a vast Cloud, pregnant with Thunder, bear up *against the Wind*, and a Superior Cloud *vide contrary* to the Inferior: such do I undertake all Constitutions are, which are *Droughty*, *Soultry*, and yet *serene*: the Serenity and the Drought being imputed to a cold Original, mixt with the Contrary.

§ 9. So that it is no miracle to observe white *Frosty Mornings* in *May* or *July*, ushering in a *soultry Day*, yea it is a known Prognostick of such a day to find a *Fog* (proceeding from a cold Cause.) blinding our early Prospect in the Country: That and *hazy Air*, the first *Lineaments* of Mist or *Fog*, we impute to the Influence of  $\mu$ , blended or configur'd with his Fellows.

§ 10. Certainly is he justly defin'd the *Resister of Moisture*, being the *Parent of Serenity*; of such resistance, that when he cannot prevail so far as to hinder a *cloudy Sky*, he will (and 'tis a fine Experiment) do his best then, to make the Cloud *Barren* and *Unfruitful*; who if it happen that he is overpowr'd so far, as to admit a *moist Constitution* obtruded upon him, yet he will maintain his power so as to *choke up* the Moisture with a *Mist*, or niggardly *crumble* it into a *Drizzle*.

§ 11. And whereas it may be observed by the studious Inquirer into these things, that our *Principle of Cold* may sometimes be deeply engaged in Great and *Violent Rains* or dangerous *Flashing Lightnings*, which are Moist and Warm Productions; the Answer is legible in the Objection, for *violence* in Nature many times presupposes some *great Resistance*, which for a while *staves it off*, till that Resistance like a Dam in a Stream, being broken and overpowr'd, admits the Danger to shew it self. 'Tis not often that One Planet is deeply engaged, (*deeply* I said, for there is a difference) at such times, but when such an Hour cometh, the Violence may be really ascribed to *Causes contrariant*, their *Action*, *Reaction*, *Resistance*, and *Counter-resistance* one to the other. All Lightnings are not alike Dangerous; some play more remote, out of harm's way; some flash angrily and sudden, near the Earth; Experience of the *Forge* teacheth, that a *cold Infusion* adds *violence* to the Flame. This *cold Activity* is discernible also by *Hail-stones* at such times intermix'd: howbeit suppose there is none, because some Situations are no friends to that Meteor, the *Violence* it self is no obscure token of contrary Action, as we see commonly in Thunder-showers, with extraordinary Copiousness succeeding the Flash or Crack. *Tanta molis erat* — so many and so potent are the Celestial Instruments used by Providence in the Alterations over head; the Sun, the Moon, and the Rest, as it seems, of the Number.

§ 12. When therefore God is pleased to call the *Luminaries*, and in Them the Rest also, by the Name of *Signs*, he is far from denying his own Ordinance, whereby he hath made them not *Signs* and *Siphres*, but Authors and Causes of Inferior Mutations, giving them *Rule*, *Gen. I.* a signal *Dominion* over the Earth: Dominion seeming to be a very *Egyptian* word, from whom *Moses* in all probability borrow'd it; nay there are no less than *three* words signifying the same literally and properly, *שלט מלך שטר* in *Hebr.* and *Chaldee*: so that there is no arguing from the *signs* in *Gen. I.* unless we can find in our heart to aver, that the  $\nu$  is a Sign of the *Month*, and the Sun a Sign of *Spring* and *Summer*, &c. a bare Sign.

§ 13. As weak is the Argument drawn by Learned men, *Pecun*, *Petavius*, &c. from



the word *Συμμετρία*, used, as we have seen by the Ancient *Astrologers*, when they treat nevertheless of the *Effects*: since every *Cause* not hidden, but incurring into Sense, is apt to *signifie*, as Rains *signifie* Clouds, and Turbulent Winds a great Sea. Nor could the Ancient Observers be imagin'd to watch the Celestial Motions with such care and diligence, but with hopes of obtaining the *Cause*, in which they knew they had made no small progress, when after a little Observation they concluded the *Sign*.

## CHAP. XI.

*Aspects, the Old justified; the New rejected. They depend not on Harmonical Proportion. Their Revolution, Duration, and unquestionable Significancy. The single Aspects no absolute Cause, but only Causa fine qua non. A large Soul required to the due Contemplation of the Bodies Celestial. The Certainty of the Moon's Natural warmth. That being admitted, the Congresses with Her make way for discovery of the Rest.*

§ 1. **P**lanetary *Aspects* are no vain Terms of a Bawbling Art, but are Mysterious Schematisms of a secret Force and Power toward the Alteration of the *Sublunar* World, especially the Air, and those Great Issues that depend thereon, according to the Natures of the Influences, and the Influenced.

§ 2. Planets therefore, without such *Habitude*, must of necessity have their Energy; for on what shall the Efficacy of the Combination be founded, if the Terms combin'd be utterly insignificant? Complication of *Ciphers* make no tale.

§ 3. Besides 'tis unreasonable to deem, that *Two* in Configuration should be *Active*, and twice two without such Combination be *ineffective*.

§ 4. The new *Aspects*, though the Diligent *Kepler* after his Tutor *Mich. Mæstlin* ascrib'd much to them, are not much to be regarded, unless perhaps the *Quincunce* and *Semisextile*.

§ 5. The *Quincunce* *Kepler* reduces to the *Opposition*; by the same reason one would think may the *Semisextile* to the *Conjunction*, both differing 30 degrees from their Principals on each side, yet the Parity holds not.

§ 6. Sometimes, the *Quintile* makes a shew, and if That have ought in it, the *Biquintile* will look for some Respect; and if so, then the *Vigintile*, and *Quindezile*, and *Decile*, &c. will also look to be courted; while we hope we go on such Principles, that we shall never be forced to own such Dribbles of *Aspects*.

§ 7. These when they happen with notable Concurrence, it may seem that their Testimony is not to be refused; but they very seldom so happen, and when they do meet, there may be found a sufficient Activity without them. As *Ang. XX. A° 1621*, in *Kepler*, there is a Record of a grand Effect, *Dashing Rains*, and *Places struck with Thunder*, to which there are assigned, beside the *Old Aspects* Lunar and others, two *Quintiles* and a *Biquintile*: here, say I, this Notable Effect may be accounted for without these *Quintiles*, &c. The Concurrence of such New Devices move not, because upon supposal of even feigned Causes, even those pretended vain Causes may by Accident concur.

§ 8. Yea *Astrologers* are sick of these New *Aspects* when referr'd to the *☽*, and That not without Reason, since the Lunar *Sextile*, one of the *Old Aspects*, is scarce of a discernible Efficacy; whatsoever is less, sure is Imperceptible. The *Semisextile*, as we have hinted, being therefore to be discarded, yea the *Quincunce* it may be hath no Activity, but what is founded on a Fallacy of the Cause.

§ 9. *Multiplying of Aspects* is to be taken heed of, proceeding from a false persuasion, viz. that all Effects *Sublunar* are to be imputed to the meer *Planetary* Habitudes; even *Kepler* himself was offended at some better Principles, when he first brought in this Abortive, of which hereafter.



§ 10. The *Old Aspects*, according to *Ptolemy*, are five: 1. *Conjunction*, whose Character is  $\delta$ . 2. *Sextile*, marked thus,  $\star$ . 3. *Quadrante*,  $\square$ . 4. *Trine*,  $\Delta$ . 5. *Opposition*,  $\wp$ .

§ 11. *Conjunction*, when two Celestial Bodies are situate at or toward one end of the same Line perpendicular, in the same Sign and degree, which Line being protended reacheth the Centre of the Earth.

§ 12. *Opposition*, when they are found at the Extremes of the same Diameter, viz. at VI Signs distance.

§ 13. 'Tis hard to say whether of These have the greatest Efficacy; for the *Conjunction* may be more potent in one Respect, and the *Opposition* in another: the  $\delta$  is more for Warmth and Moisture, the  $\wp$  for cool Air and Winds, seeing the further the Ray is protended, the more it befriends the Cold Spirit. Note, this must be understood *per se*, and of its own nature, howbeit by accident it may prove otherwise.

§ 14. *Trine* and *Quadrante*, where the Celestials are distant a 3<sup>d</sup> or 4<sup>th</sup> part of the Sphere, i. e. four or three Signs of XII, have a notable proportion of Activity; in the one the Rays make a right Angle, in the other. an obtuse, not much wide from a Right Angle at the Centre of the Earth: yea a *Trine* makes just a Right Angle sometimes, according to the difference of the Obliquity of the Zodiac.

§ 15. The *Sextile*, whereby the Celestials at two Signs distance, and no more, make a very acute Angle on the Surface of the Earth, whose Lines being protended cut one the other much on this side of the Centre, the most imbecil therefore of All the Aspects.

§ 16. So the Aspects it may be have not their Foundation so much on Harmonical Proportion, as on Physical and Optical Principles.

§ 17. Aspects of Planets are in Number XCIII, being distributed among the several Complications of the Planets.

§ 18. Complications are XX, thus exhibited:

$\text{h} \text{D}$	$\text{4} \text{D}$	$\delta \text{D}$	$\odot \text{D}$	$\text{♀} \text{D}$	$\text{♂} \text{D}$
$\text{h} \text{♀}$	$\text{4} \text{♀}$	$\delta \text{♀}$	$\odot \text{♀}$	$\text{♀} \text{♀}$	
$\text{h} \text{♂}$	$\text{4} \text{♂}$	$\delta \text{♂}$	$\odot \text{♂}$		
$\text{h} \odot$	$\text{4} \odot$	$\delta \odot$			
$\text{h} \delta$	$\text{4} \delta$				
$\text{h} \text{4}$					

§ 19. These Complications, let out by their several Aspects,  $\delta$   $\wp$   $\Delta$  &c. if every Planet were alike free, would amount to CV: but when  $\odot$  with  $\text{♀}$  and  $\text{♂}$ , and These among themselves, admit no Aspect but  $\delta$ , the Summe is abated to XCIII.

§ 20. Unless the utmost Distances of  $\text{♀}$  and  $\text{♂}$  from the Sun may be reckon'd in, being tantamount to  $\wp$  with him.

§ 21. Some one or more of these Aspects are extant every Month, to qualifie or vary the Season according as the Decree Eternal hath laid out their Motions. For if there be no  $\delta$ , there may be  $\wp$ ; if neither, a  $\square$  or  $\Delta$  &c.

§ 22. Yet the Periods of Conjunctions are rarer,  $\text{h}$  and  $\text{4}$  meet  $\odot$  but once in the Twelvemonth,  $\delta$  once in two years,  $\text{♀}$  about a Year and half only,  $\text{♂}$  in two Months, and the  $\text{D}$  runs through every Aspect with every Planet once in the Month; so that if an Aspect be any thing, or Celestial Influence any thing, the Moon is a Great Dispenser of it.

§ 23.  $\text{♀}$  and  $\text{♂}$  meet in 8 or 9 Months.  $\text{h}$  with  $\delta$  about 2 years.  $\text{4}$  with  $\delta$  somewhat more.  $\text{h} \text{4} \delta$  with  $\text{♀}$  and  $\text{♂}$  according to their different meeting with  $\odot$ .  $\text{h}$  and  $\text{4}$  in no less than 20 years, called therefore the Great Conjunction.

§ 24. The shifting of these Aspects every Revolution is observable, how they fall in the subsequent year later than in the precedent: as  $\delta \odot \text{h}$  later by a Fortnight,  $\delta \odot \text{4}$  about a Month,  $\delta \odot \delta$  above a Month,  $\delta \odot \text{♀}$  about half a year;  $\delta \text{h} \text{4}$ , though at 20 years distance, shoulders out half a year also.

§ 25. Some-

§ 25. Sometime ♀ and ♂ falling *Retrograde* are willing to salute and be saluted by one another, and, as it happens, by the *Superiors* also; so that an *Aspect* may be reiterated within less than its ordinary or direct Period. And wherefore All this? but for the various dispensation of Nature, and the most of it within the *memory of Man*, though it be not necessary the Divine Providence should confine its Transcendent Actions to the short Observation of the Small *Epoche* of one Man's Life. Howbeit the *Moon's* Revolutions are of a short Term, whose *constant Visits*, as we have heard, of every Planet, cannot be *idle*, unless we make All a *dumb Shew*, nay it were well we did, for then there would be oft-times Mystery couch'd. Sure if there be so much of Art or Wisdom, there must be somewhat of Natural concern in her various *Phases*.

§ 26. One thing we have not consider'd yet, of no small concern in this Theory, and That is their *Duration*: for though exact Calculation pretends to *scruples*, First, Second, yet Natural Causes are not so straight-lac'd, a Convex-Glass will burn at several distances.

§ 27. Confining therefore the ♂, and with That the rest of the Configurations to the *same Sign and Degree*, and allowing the *Acme* of the Aspect to take place at the precise *Astronomical Time*, with proportional allowance of Vigor or Abatement, according to the Scruples of Access and Recess; yet true it is that the Physical Influence of an Aspect, exerts it self before and after, *i. e.* as long as the Heavenly Moveables keep within the Terms of the Definition. Such may be the Motion of the Planets, that they may keep even to the *same Degree* (though not Minute) for a considerable Space. On this account we see an Eclipse, Solar or Lunar, lasts several Hours, whose exact Central Calculation is tied to a Minute.

§ 28. Lo then another Suspicion, of *no Idle Conceit*, since Nature hath made nothing in vain, that ♂ ♂ should last about 4 or 5 hours; ♂ ♀, ♂ ♀, ♂ ♀ 3 days, ♂ ♂ 8 days, ♂ ♀ 9. Again, ♂ ♀ lasts 9 days, ♂ ♀, ♂ ♀ the like. But ♂ ♀ continues 24 days. These are the chief, and for Brevities sake we content our selves with them.

§ 29. Now as concerning their Influence, and the Specification thereof, be pleas'd to take notice, that there is a *Table* goes about, pretending to acquaint us with their *significations*, with some little Modifications indeed, according to the four Seasons of *Spring, Summer, &c.* but as to the main agreeing with it Self and Truth. Let the *quainter* Reader be pleas'd not to *nauseate* it, lest the Knowledge of *Celestials* suffer thereby: I do not say 'tis exact and beyond Amendment; I shall offer toward some Amends my Self, but for the General I say, No man's *Art or Experience*, Syllogism or Induction hath yet, or ever shall, abolish it.

§ 30.

The Vulgar Table follows thus.

	☿	♀	♂	♂	♂
☿	Pro natura aer temporis immutat.	Venti cum hu- mid. Pluvia.	Pluvia. Imber. Ton. Pluvia. Frig. remiss.	Venti. Tonitru. Venti sicci. Frigus rem.	Pluv. frig. Grand. Ton. Pluv. frig. Nix. Nebula. Frig. rem.
♂	Aeris tempo- ries.	Venti.	Temperat.	Turbid. venti. Ton. Tempest. Turb. venti. Frigus rem.	Turb. vel Plu- via. Grando. Ton. Venti. vel pluv. Turbid.
♂	Turb. Hum. Hum. calor re- miss. Neb. Pruina. Nubes. Nix.	Venti. pluv. Venti. imbres. Venti. nubes. Venti. nives.	Pluvia frigida. Pluvia. Pluvia frig. Pluvia. Nix.	Pluv. Tonitru. Tonitru. grando. Pluv. vel turb. Frig. remiss.	
♂	Frigus & hum. minuitur. Æstas tonat.	Venti nubiferi.	Pluvia. Imbres. Pluvia. Frig. rem.		
♀	Hum. vel nub. Calor remiss. Neb. turb. vel Nix.	Venti humidi, vel nubiferi.			
♀	Venti interdum nubiferi.				

§ 31. Of which Table this is the Sentiment : the ☿ ♀ ♂ are warmly affected, ♀ and ♀ most qualified for Cold, and that the Contrary Planets produce their Effects according to their mixtures. ☿ ♀ ♂ warm, for you see they bring *frigus remissum* with them; but the Aspects of ♀ bring no such News, except configur'd with ♂: neither brings ♀ any such remission, except configur'd with ☿. ♀ cold is further discernible in the production of *Hail* in the Summer-time, 'tis but twice mention'd, viz. in his Aspects of ☿ and ♂; so ♀ it seems causes it. As for ♀, 'tis true, it reaches that he is not cold, but pretty warm, and makes *temperate Air*, remits Cold join'd with ☿, and heightens it not, neither with ♀, nor ♀, nor ♀.

§ 32. I would it were so, though I fear it will not prove so; for this very Table, now I look hard upon it, proclaims with me that ♀ is a *Resister of Moisture*, there being no mention of any Moisture, but only *Winds* and *Temperate Air*, except in that rare Aspect of ♀ and ♀, which comes 'tis known but once in 20 years.

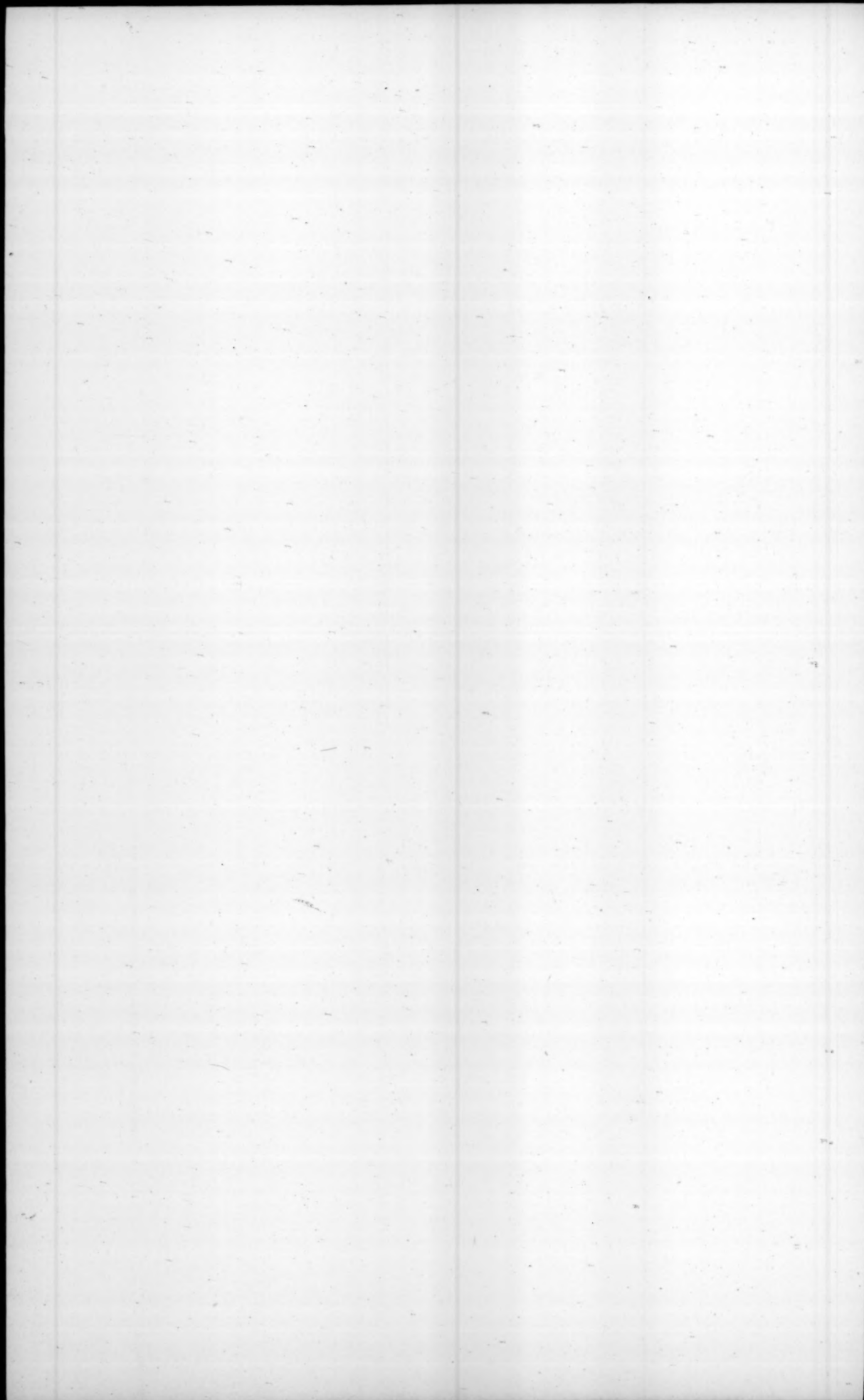
§ 33. For the rest the matter is even out of question: who knows not, said Mr. Digges, as I remember long ago, that ♂ ☿ ♀ brings *Winds* and *Rain*, ♂ or other Aspect of ♀ ♀ *Winds*, ♀ ♀ *serene weather*, ☿ ♀ *Clouds* or *Rain*, ♂ with ♀ and ♀ the like? There is as much Evidence for them, and connexion natural with the Effect given, as in any Prognostick can usually obtain.

§ 34. And Professors mean no more than a Prognostick, or a *partial Cause*. Wife men stumble at and reject these Definitions, because they are not *absolute* and *infallible*, in that the Event answered not one or two poor Observations; so discarding good Knowledg, because it vouchsafes not to appear, and that in its Meridian Evidence, to a *hasty* and impatient *Censor*. Rashly enough; for 'tis true, that a *Flint* strikes fire, though the Spark doth not always catch: there may be *Indispositions*, yea *contrary Indications* in Nature. For what *Prognostick*. I had almost said Definition of Nature is infallible, or *indefeasible*? I mean what *single Prognostick*? for in the Concurrence, there is a Certainty of the Answer. But for single Aspects we come not to contradict our selves, who have avowed already, that the ☿ and ♀ (and the like must be said of the other Pairs) however respecting one the other, are

at







at no hand Causes Total, or Adequate. All that we say is, they are not insignificant, but have their Share, *Causa sine qua non*.

§ 35. The Lunar the meanest, the Middle somewhat a stronger *Nissa*, the three *Superiours* the chiefest.

§ 36. Even the meanest, the Lunar Aspects, do bode such and such Variations, and that with Truth, for the major part, though a single Cause it be.

§ 37. For we must enlarge our Thoughts, and not reckon (at this distance) by our Eye; Planets are vast Bodies, whose Dimensions exceed the clasp of our narrow Phantasms, of such disproportion to our Ideas that we cannot reach them, *Non si te ruperis, inquit*: to these then we must allow a proportionable Faculty, commensurable to their Magnitude.

§ 38. Let the ☿ be so many times less than the Earth, tis a vast Body still; for he who takes not the Earth to be such, let him Sail round the *Terraqueous* Globe, and then tell me his opinion: then we measure these Bodies right, when we lose our selves in the Comprehension. If all have weak Brains with me, I profess I cannot fancy the Magnitude of this Island, no not of a single County; my best Prospect makes a Map of it, surveys it with contraction of Yards into Inches, and Miles into Furlongs.

§ 39. The Warmth of the ☿ is not so clear to the Sense as that of the ☉; but to Reason it is; so it is as evident that I have Pores in my Body, insensible though they be, as that I have *Nosfrils*.

§ 40. Then for its Vicinity, the Eye it self judges by comparing the Heights of the ☉ with the *Abss* of the ☿, that it hangs a great way below the *Expansum*; inasmuch that she comes within the Earth's shadow, and is often totally muffled in it, a sign that her distance is reasonable, and not impropor-tioned to the flux of her Influence toward the Earth.

§ 41. As the Moon's Nature is attained by her Congress and Habitude to the Sun, so the Nature of the rest may, by diligence, be discoverable by their congress with the Moon. (1) Because the Lunar Configurations occur with every Planet, and that through every species of Aspect.  $\Delta$  or  $\square$  of ☉ and ☿ there is none, nor of ☿, but both ☿ and ☿ own these Aspects to the ☿. (2) The Planets observe their Aspect to the ☉, and with themselves, in longer Periods of Years, one or more, as you have heard, but the ☿ observes her Approaches every Month; the odds is 13 to 1, for so many Lunar Aspects are conspicuous, while but one Solar Configuration except with ☿ appears. But in these there is nothing to be done, till we first see the Great and Leading *Syzygie*, or Lunar Aspect with the ☉; then, not before, it may be time to discourse of the Rest.

CHAP. XII. Evidence from Diaries for seven years.

§ 1. True Science hateth not the Light. 2. 3. 4. The vulgar Table considered, as to the ☉ ☿. 5. 6. No need of Triplicities and Lordships in the Case. 7. The ☿ brings Wind or Rain for the most part, or Warmth (the foundation of both.) 11. The State of the Air without warmth must be serene. 13. Warmth conduces to Snow, also to Wind. 14. Hence Wind or Rain have common Prognosticks. Lord Verulam's consent. Linschoten and Drake's testimony for foul Weather at a small ☿. 15. Evidence from Diaries for seven years. 16. ☉ ☿, ☿ ☿, ☿ ☿ worth observing. 17. Astrological day from midnight to midnight. 18. Three days concerned in every single Evidence. 21. Partile and Platick, a distinction of Aspects

very material. 22. The Orbs, so called, of the Planets. 23. Semifextile and Quincunx. 24. Vicinity of ♄ helps to the credit of the New ☾'s influence. 25. The Diary. 27, and 64. Rains sometimes at the precise hour of the Aspect. 30. The Gradual method of Nature, from the first privation to Constitutions tempestuous. 31. Prospect of the variety of the Lunar Contributions for seven years. 32. How we came to know the Nature of the Planets. 33. The ☾ not indifferent to Heat or Cold, yet may be suspected for a Cold Planet. 34. Summer days, not Hot on the account of the ☉ only. 35. Warmth in Winter days, and Trajections in Frosty Nights. 37. Warmth at the Congress not always so sensible. 39, & 44. Aspects do not so oft miss as hit. 45. Constant Observation defends our Theory, and answers Objections. 47. Aspects, Single Causes though they be, bring their Effect above the proportion of the Moyety. 48. The inclination of the Aspects Mechanically illustrated. 51. The fatal Stumble of the Adversary. 52. Change got its name from the Consequents of Wind or Rain in the disjunctive. 54. This disjunctive may be determined. 55. The Change rather inclines to West and Southernly Winds. 56. The Cause of the North Wind is secret. 57. The South East Wind is a rarity. 59. The Wind often Changes on the day of the New ☾. 60. Kepler made too little account of the ♄ ☉ ♃, revinc'd by his own Diaries. 62. The ♄ ☉ ♃ hath manifest Influences on all Thunders which happen at the Change. 63. Eichstad noted with Kepler. 66. Difficulty of Prognostick arises in England, not because we are an Island, but because we are a Northern Island. 69. Adversaries challenged to demonstrate the contrary to our Pretensions. 70. Changes in certain Signs rarely or never fail of their effects.

**T**Hough all Tradition, Ancient and Modern, tell us, that the change of the ☾ hath a signal Influence (beside what hath been rehearsed in general) on the Mutation of Air, so notorious, that scarce any the most refractory Sceptic denies it, at least hath not maintained the Paradox in Writing, yet for all our vamping, when we are urged to speak particularly, and distinctly to the Effect, we hang off, and seem loth to come upon the Stage, as if Astrology were a close and cunning Faculty, and afraid (as being founded upon uncertainties) to be revinc'd by ordinary experience, and to expose it self, as it hath done in some other Points, for Ridiculous.

§ 2. For what such our Table, p. 42. what Constitution doth this Aspect bring? Hot or Cold, moist or dry, calm or windy? All the Oracle saith here is, that at ♄ ☉ ♃, *pro natura Temporis Aer immutatur*. Say you, what's that *Natura Temporis*? let no Deceit lurk in Generals. Is it according to the Season, i. e. the Quarter of the Year? then the Change in Summer is hot and dry, in Winter cold and moist, in Spring and Autumn temperate, dry or moist. But is it always so? Not always, sure; it will appear otherwise, when we shall shew, a cold Change after Midsummer, and a foultry Air in March, and all within one Year of our Lord An. 1671. Yet again, a cold Change in July, and hot in October, Anno 1672. Nay, nor moist part doth it hold. The Astrival Lunation in May or June, a considerable part of Summer, is rarely dry. Beside that, an Aspect professes to bring some more special Constitution than what



is forestall'd in the General Character of the whole Season: if the days that antecede and follow the Aspect be, by virtue of the Season, hot and dry without the Aspect, what great *Arcaum* is it to define the Day of the Change to be alike hot and dry by virtue of the Aspect?

§ 3. Is it according to the Month? so that the  $\delta$   $\odot$  in March shall bring Wind, in April Rain, in May fair weather, in June Heat and Dripping. Pretty well and plausible. But what is the Nature of each Month? is it Fix'd and unalterable? or is there a second and superinduced Nature? if the nature of the Water is fluid, is it not by nature a Fluid congelable? As Water respects the Services of Men I grant 'tis fluid; and as the Year proves kindly, the Nature of the Months are fixed. But are all Years kindly? are all Months seasonable? What if the Month proves unseasonable, which Constitution shall this Aspect observe? the Prime Constitution, or the Secondary, superinduc'd? if the later, there is no light given us by the Celestial Phenomenon, till we know how the Month will prove; if the former, then all Constitutions at the Change prove seasonable, and all unseasonable weather breaks at the Change, flat contrary to Experience; though, I confess, not according to Expectation.

§ 4. It will be said, 'tis enough if common Expectation looks for such a State, seeing that Expectation itself is founded upon the frequency of the Accidents corresponding. Be it so. Any thing that makes for our Interest, the Interest of the Creation, and its Great Founder: but *Astrological Prognosis* pretends further, even to discover when the Vulgar Expectation shall be frustrated; pretends to admonish the World of unseasonable, as well as seasonable Constitutions.

§ 5. Little better are those two *Salvo's* that are brought by those who are to sensible of the failure of their Principle concerning the *Triplexity*, and the Lordship of the Planet in chief.

§ 6. But these *Ancient Fables* have little, I fear, beside their Antiquities to plead for them; That of the Trigon being a fine Knack in *Prology*, but of no Use we are sure in our Theory. For how shall we believe *Fiery, Watry, Watry, Earthy* Trigons, the one Hot and Dry, the other Hot and Moist, or according to the Elements, who are not persuaded that the Elements themselves are so qualified? For Example sake, not the Air in particular, and 'tis a most obvious Objection; how can I allow  $\gamma$  is a Winter Sign? or  $\delta$  is a Sign of the Earthy Triplexity, when 'tis so near the *Astical Tropick*? doth  $\delta$  of  $\odot$  and  $\gamma$  bring cold and dry weather in  $\delta$ , or  $\gamma$  hot and dry? Neither cold nor dry agrees to April, nor hot nor dry to November.

§ 7. As to that of the Lordship, the *extension*, and *moderation* as *Ptolemy* calls it, we speak as to our Affair; besides the Confession of the Best Practitioners; *Eichstad. Ephem. part. 1. pag. 72.* that there is Nothing in it. 'Twere well *Natural Knowledge* could find such a Compendium; yet if there were such, it would hold only as to the General, as to the proper Day there would be a *Nox ligus*; but of this perhaps hereafter. We are sure we can do our business without any such Notion, for our Method takes in *several* Considerations in lieu of that one we omit.

§ 8. Before we adventure to declare our Experience, let it be remembered thus much is granted us, that at  $\delta$   $\odot$  oft-times happens Winds or Rain, if not both, as *Mirandula's* Sea-men, you see, have witnessed. What do I speak of one Century past? Even in *St. Ambrose's* Age, much above a 1000 years ago, in time of Drought it could be said, *Ecce Neomenia pluvium dabit*, Oh we shall have Rain at the Change of the  $\gamma$ ; the Father, 'tis true, gently reprehends it with *Nollem dictum*: Not that he rejected the Philosophy, by which he greatly illustrates the Creators Glory in that very Discourse, but abating rather the Confidence, which we are too apt to place in second Causes, though imperfectly apprehended.

§ 9. When

§ 9. When it is remembred then that our Ambition reaches but to *end* *in mod*, speaking of a single Aspect, as hath been often said, (and said not out of a politick Restriction, but with reason, from the nature of a single Cause, whose efficacy many times reaches not, either for want of Coordinates; or is broken, by the Counterpoise of contrary Agents) We avow that ☉ ☽ produceth a warmer Air, attended for the most part with Rain or Winds, but whether of these takes place, exclusive to the other, must be determined by the whole conjuncture of the seven, not by any one single Aspect.

§ 10. So that Warmth is the Prime product, the other are Consequents; that Cardan may no longer say of this Aspect, *Non unum significat*, discouraging Inquirers by so loose a Character, since it produceth a Determinate effect as much as any other Aspect, and as often.

§ 11. 'Tis true, we who deal in *pragmatic*, must treat of such warmth only, as is sensible; but yet of a truth, there is very often warmth in Nature, which is not directly distinguished by our Senses: No man can say that he alone hath the Standard-sensory, to which all the Sensations of others must Conform. Sometimes we infer, rather than discern the presence of Warmth, viz. from some visible effect, to which the Sense would not otherwise assent, as by Snow melting in a Cold Thaw, or an early Shrub (the Gosherry suppose) sometimes sprouting in January, whose Mornings may be Frosty: in this case, when Warmth is so observed by Logical inference rather than Sensation, the Aspect thinks she hath right in the Effect.

§ 12. They who are not studious of Nature, impatient to attend her leisurely methods, will scarce be content with any thing less than the Effect in its highest Complement. Unless we can warrant Wind or Rain at every Change, the Art professeth nothing; whereas if a Cloud or a Mist be produced, it may perhaps be not unworthy the Observation of those who inquire into Causes, since the Air in its pure Nature, is serene, and supposing no Sun, ☽, nor Star, must needs be such: because not any vapour can be raised or suspended by Heat, but, when that Heat is extinct, must necessarily return by its innate gravity, or which is all one, sympathy with its Original, to its First Bed. What harm is there in exactness? if Account may be given of those *meteoric* effects, at least, in the more *astronomic* part of Philosophy, since their Effects make room for the Greater, yea perhaps are distinguished only by a gradual distance. Some portions of Clouds being observed to drop, when the Zenith is absolutely dry, and a Mist (in some places) shall wet an English man to the Skin.

§ 13. The Congress therefore of ☉ ☽ produceth Warmth, and thereby Rain as its Consequent; produceth I say, or conduceth in already produced. Now what if I go further, and say that it inclines at times also to Snow and Hail, for they also have a certain dependance on Warmth, as a Comproductive at least; since 'tis easie to distinguish between the Drop and its Congelation, ascribing those distinct products, to the contrary gelurants; some pieces of Nature, like those of Art, passing through many hands, before they are finished.

§ 14. However to Rain it conduceth, and to Wind also, since in all Wind the Warm Air is found impelling the Cold, *una contra*; whence warmth must be a constitutive ingredient in the exhalation driving, or driven.

§ 15. Wind and Rain, although they differ formally as can be agreed in their Original, as the great *Pythagoras* also observes, *Resuscitat in Hist. vent. p. 42*. Hence as we have seen, they promise a *meteoric prognostique*, as Harbinger before them to prepare for their entertainment, the same Disturbances of Animal Bodies, witnessed by the Notes and Postures of Animals, the Aches and Maladies of Man and Beast, do fore-shew; yet disjunctively and undeterminately, Winds or Rain. This argues say I, the Unity of the Origin; and on no other

other account, even *Windy Nights*, as I am informed from the *Kilne*, make the boyling Liquor apt to overflow: To say nothing of the Testimony of the *Baroscope*, where the *Mercury* falls alike to windy Weather as it doth to Rainy. Now for Wind and *Gusty Weather*, and their *Cognition* to the new ☾, we reduce further if need be, the Testimony of *Moderns*, who in the Voyages to the East Indies, complain'd of bad Rodes, by reason of a small ☾, *Linschoten lib. 3. cap. 2.* Yea for the *West* also our own *Drake* tells us again, that a *small Moon makes foul Weather all the main along.* Last Voyage apud *Purchas.*

§ 16. It might be time now to produce our evidence, that the Dubious may be disposed to a further enquiry, if not assent; In our Diary you shall see we have allowed no less than three Dayes to the Aspect, that we might more securely hedge in Observation.

§ 17. 'Tis a perpetual account of VII years; for if the kind Reader will admit the like for the Opposition, Square, &c. to the Sun, we shall not burden our paper with the same Aspects repeated between ♀ ♄ and the ☾, although a private Observer may perhaps find them not unworthy his consideration, they carrying their price in their Foreheads; especially those from ♀ ♄ ♀.

§ 18. In the Tables observe that the Dayes are reckoned after the *Civil* account, viz. from Midnight to Midnight, because Art must apply it self to the Publick, so that the Observer must not content himself with the Day *Artificial* only, but look through the interval of the natural Day entire, since Nature, when we poor Mortals are compos'd to Rest, like its Great Master, neither *Slumbers* nor *Sleeps*: Since, if at any time soever, be it the Dead of the Night, a violent Tempest hap to awaken the Neighbourhood, *unforeseen*, the Science is sure to be indited of, I know not what uncertainties; it behoveth therefore that Art on the other side should be relieved by all the true *Affidavits* of Showre or Wind, &c. which may steal in at that Interval, wherein the *Major part* of the World, buried in their Beds, will be concerned in censuring the Method when it *fails*, though unconcerned in its Justification; when it *hits*.

§ 19. Here it may be thought that three days are too many for the purpose of pretended Art: I have answered, Nay, already, to secure, said I, the effect, which must happen within such a Term, for if it falls beyond, the Effect may not be reasonably owned, of which presently.

§ 20. Those who consider but one Day only, must be asked, what if an Aspect by its very chosen time, falls out in the very *Confine* and *Juncture* of several Days, at, or about Midnight: Must not this Aspect and its pretended Influence belong to more than one of those Days so united? A ♂, put case, may last four or five Hours, as by *Ecliptical Conjunctions*, is manifest; in such case the ♂ may relate to those days, as a Tenement by its Situation may belong to two Counties or Parishes.

§ 21. Once for all we must speak out, and a proper Chapter it may make, that *Aspects Planetary* challenge a greater duration, than four or five Hours space, seeing the Bodies Planetary are capable of mutual affection at distance, not by *Corporal* only, when Indistant, but by *Virtual* Contact. *Influence*, like *Streams*, oftentimes mingling and blending together, when their *Fountains* are diversly situated.

§ 22. And if it be well remembred, this *Postulate* cannot be denyed by those who allow the *Lunar* Influence to be *Moderatress* of the *Tides* which swell and rise one or two days before and after the Aspect, as *Ptolomy* from and with Experience hath taught. The same Experience hath further taught us to observe the like or greater Interval of two days before and after, in the *Dissolution* of Frosts, as we shall see in the next Chapter.

O

§ 23. Justly



§ 23. Justly therefore Astrologers have taken up that famous Division, making Aspects to be not *Partil* only, exact to a Degree and Minute, but *Platic* also, with enlargement and latitude to more than one or two such Degrees.

§ 24. All the Difficulty is concerning the *precise* Terms and width of this enlargement: To which the Ancient *Arabs* have made shift to answer. For all Astrology, we shall see, lies upon it, that the Terms of the Suns *Orb*, as they call it; the Orb of its radiation be comprised in *Fifteen* Degrees, the Moons Orb in *Twelve*, for Saturn about *Nine*, Jove about *Nine* or somewhat more, Mars, Venus, Mercury, about *Eight*. *Summa Anglican. distinct. 10. tract. 1. Cap. 5.* And such Answer upon my Word, proceeds from a great experience, not *vain* and arbitrary, as in the mutual Aspects of the other Planets will be noted, where I hope to clear up the matter. Twelve Degrees you see, are ascribed to the ♃'s radiation. Well was I, when I saw, (and it was long first) that the Ancients, the *Arabs* of old, accorded to my Method observed in the Table: For if XII. Degrees must be allowed to the ♃'s Orb of Radiation, *ante & retro*, (for so they express themselves distinctly) then a *Triduum* is necessarily engaged in the Lunar Table, in behalf of the ♃'s efficacy and its demonstration.

§ 25. Verily some such *Salvo*, or more than this, must be had on the account of the New Aspects, the Semisextile and Quincunx, two of which border on the ♄, (like as *Sextiles*, *Quartiles* and *Trines*, we know are double.) In behalf of which we may say, that it is even pity *these* Aspects are not admitted as well as any; (but no more) because, then their Definitions would be in a natural Order, of equal successive Distance; VII. Aspects defin'd by the distance of Signs, 0, 1, 2, 3, 4, 5, 6. The *Conjunction* at Sign 0. (no distance at all) the *Semisextile* at Sign 1, the *Sextile* at 2, the *Square* at 3 Signs distance, the *Trine* at 4, the *Quincunx* at five Signs distance, the *Opposition* lastly at 6. I confess for order and memory sake 'tis pity it is not so. But let me tell you unless the *Semisextile* on each side *ante & retro*, be reduced to the ♄, and the *Quincunx* likewise to the Opposition, as their *Matrices*, their *Fort*s and *Principals*; the *Conjunction* as pre-scinded from this new *Semisextile*, forsooth, will be found the most insignificant Aspect in the pack. I prove this from the IX. years of *Keplers* Diary, where I took the pains to examine the *Semisextile* and *Quincunx*, and the Issue was of as frequent effect, near the time when the ♃ is about a *whole Sign*'s distance, as when near the the *Hour* of her *Conjunction*. But no reason in the Earth can be given why any *Semisextile* for Power or Dignity should take place of his Mistress, nor *Physical* I wis, nor *Harmonical*. Nature it self will appear against such bold Innovators, who go to depretiate her great Instrument, the Aspect of the ♄, which by crying up *Semisextiles*, will be utterly evacuated as between two *Interlopers*, when as common Sense tells us, that whatsoever little pittance may be afforded to such Pretenders, they must at no hand be compared to their Chief, for as much as in all *Union* of Activity the Force must naturally, unless by accident, be more strong and *Effective* nearer the *Perpendicular* Line, then the Oblique. So that when the *Activity* of the Lunar Congress is *rampant*, the Reason is plain, that Rampancy can by no means be ascribed to the Vicinity of the *Semisextile*, but contrary the effectuousness of the *Semisextile*, secluding accidental advantages, must be referred rather to that efficacy, which, issuing most vigorously from the *Perpendicular*, is not yet extinct in the Oblique Line. Surely the Observer shall never find it worth while to observe Lunar *Semisextiles* or *Quincunxes*, either pre-scinding from their *Principals*: No body as yet hath found himself obliged to do it. If we find any such thing in the other Planets, we shall not stifle it, but as to the ♃ 'tis certainly a *Frustrâ fit per phera*.



☿ 24. I spoke of *accidental* advantages, I intended thereby some even Lunar Conjunctions with other Planets, ☿, ♀, &c. Therefore let no Man wonder if I introduce ♀ and ☿ here, who are alwaies, ♀ at least, within two *days* march of the ☉, and consequently of the ☿ in her conjunctiōnal Aspects, so the Lunar ☿ with ♀ being so near at hand to the Sun, helps to *credit* the Solar Conjunction with a heighned Influence, which belongs in part to himself, and it would be silly to impute an effect to an *Upstart Semisextile single Aspect*, which is palpably reducible to an old confessed, not *single*, but a *double* Conjunction, the one of the ☿ with ☉, the other of the ☿ with ♀, and sometimes ♀. Not but that the ☿ hath her *Orb* of radiation even here, for ♀ is not always *contiguous* to the Lunar Body, but that, as in *Morals* so in *Naturals* also, a Friend may, though at some distance, step in and help at a dead lift.

Hence I fairly desire it may be considered, whether this ♀ and ☿, as the case stands, may not be subservient to the Sun and ☿ in the *swelling* of the *Tides*, sometimes *before*, sometimes *after* the *Change*, as their position happens. I am sure I found it so, *not only* in the change of the ☿ in *August* 1676. when ♀ being a little behind the Sun, the ☿ transiting ♀ that Night, raised the *Tides* above half a yard, *but* at several other times. All objections to the contrary are of feasible Solution, by what hath bin hinted concerning the other Planets and their equal Power, or at least some other causes assignable of the same Nature.

## ☿ ☉. A TABLE.

### January.

1671. ☿ 21.  
(XXXI. Dec. *Anni* *præced.* Hard Frost. Close. cold Winds. N.  
I. ho. 1. mat. H. Frost, some mist, yielding, ho. o. Mistle 5 p. N. after W. S. W. S.W.  
II. Wet most part. S.W.  
☿ 20. *Ejusd. Mens. Novil. alterum.*  
XXIX. Fair, Windy, foggy Air. Warm, high Wind, *noct. seq.* drying. S.W.  
XXX. ho. 2 p. Close Rain 3 p. H. Wd. Cold *vesp.* N.W.  
XXXI. H. Wind *ante luc.* Frost, Fair, then Close, Cold Wind. N.  
1672. ☿ 9.  
XVIII. Mist, drizzle m. & *ante o.* cooler, p. m. Meteor great *prope* 10 p. W.  
XIX. 12 p. Close, damp Walls, Mistle 6 p. & c. N.W.  
XX. Some Rain m, Cool, Wet *vesp.* & c. N.  
73. ☿ 28.  
VII. Hard Frost, overcast, stiff Wind. S.W.  
VIII. 2 m. Fair *ante m.* Tempest of Wind, Hail-storm 4 p. & drizzle. Cold Night. W.  
IX. Rain much 4 3 m. Dash. 7 m. H. Wind, Snow and Mistle 1 p. N.E.  
74. ☿ 17.  
XXV. Misty m. Clearing, misty p. m. S.E.S.  
XXVI. 9 p. misty and close m. f. offer 10 m. E.  
XXVII. Rain 8 & 9 m. dropping m. p. E.  
75. ☿ 5.  
XIV. Cold, close, misty. N.  
XV. Close a. m. Sun welcome 10 m. Temperature, Cloudy Night. N.W.

XVI. Misty m. Cloudy cold day. N.  
76. ☿ 25.  
IV. Very dark m. Fog, Cold. S.W.  
V. 5 m. Frost, misty m. Fair, cold d. overcast *vesp. Terra matui in agro Wigorn. hoc ipso vel præced. die.* N.E.  
VI. Frost, close, drizzle 1 p. S.E.  
77. ☿ 14.  
XXII. Foggy, Frosty, overcast 1 p. N.W.  
XXIII. 6 m. Fr. Cold and gloomy Air. N.  
XXIV. Frosty, Cold Wd. Red clouds *vesp. Nly.*

### February.

1671. *Novi Lunio suo caret hœc q. anno Februarii mensis.*  
1672. ☿ 9.  
XVII. Frosty, Fair.  
XVIII. 3 p. Frosty, bright, cold Wd. N.  
XIX. Frosty, bright, misty p. m. & *vesp.* Wd. N.E.  
1673. ☿ 28.  
V. Fair and Frosty. N.E.  
VI. 8 p. Frosty, Foggy *per diem tot.* S.E.  
VII. Frosty m. Foggy, dark, clear p. m. N.E.  
74. ☿ 17.  
XXIV. Wet *max. part.* and Snow. E.  
XXV. 4 p. Frosty, Snow 1 p. H. Wd 9 p. N.  
XXVI. Frosty, Lowring 11 m. & mist. S.W.  
75. ☿ 6.  
XIII. Frosty, Snow & Hail *max part.* N.E.  
XIV.

XIV. 6 p. Frost, Snow 11 m. wetting p. m. & 9 p. N.E.  
 XV. Snow 7 m. mist p. m. max. part. E.  
 76. 24.  
 II. Close p. m. W.  
 III. 7 p. blustering ante lac. wetting 4 m. & 9 m. Fair p. m. W.  
 IV. Frosty, open, close most part. SW. NW.  
 77. 13.  
 XX. Rain 4 m. o. & p. m. much Rain à 5 p. ad mid. noff. W.  
 XXI. 15 m. much Wet 7 m. ad 9 m. R. 8 p. W.  
 XXII. Rain noff. Wet p. m. throughout warm. SE.

## March.

1671. 13.  
 (XXVIII. Febr. close, misty. W.  
 I. ho. 1. m. f. mist, clear p. m. Coldish Wind, dry vesp. S. S.E.  
 II. Mist, bright above, Windy, Fair, mist vesp. S  
 V 19. Novi Lun. alterum.  
 XXIX. Rain m. Soultrey d. hot clear ni. SW.  
 XXX. 10 m. Soultrey, Fair, Wy. Rain 3 p. SW  
 XXXI. Warm, Lowring, Wdy Trajefliones. SW  
 1672. V 9.  
 XVIII. Mild, Rain 9 p. close m. p. E.  
 XIX. 3 m. cool m. dry, flying clouds, Cloudy in East, Heat p. m. & bright. E.  
 XX. Bright, dry, some Mist. S.  
 1673. 28.  
 VII. Fr. close, cold, misty Air, dry. N.E.  
 VIII. 1 p. no Frost, cloudy. S.  
 IX. Fr. Fog m. close, cold vesp. S.  
 74. V 17.  
 XXVI. Rain m. close, warm, f. mist. SW.  
 XXVII. 8 m. Cloudy m. p. S W. hottish Nly.  
 XXVIII. Hottish, cloudy. E.  
 75. V 6.  
 XV. Rain m. Rainy ab. 11 m. ad 11 p. & c. E.  
 XVI. 10 m. Snow 1 m. Fair & Frosty 12 p. E.  
 XVII. Frost, Fair, mist, cold brisk Wind. NE  
 76. 24.  
 III. R. à 6 ad 9 m. fl. 11 m. bright n. Meteor from *Proper* to *Canis* Min. W.  
 IV. 10 m. open, mist, clouds promise 1 p. Winds. S.  
 V. Fair m. rain 6 p. Windy, S.  
 77. V 13.  
 XXII. Cool R. Hail 3 p. Rainy, Windy m. p. Hail & Thunder 5 p. at *Forest Hill* W. vesp. E.  
 XXIII. 6 m. Fair M. White Cl. Rain 2 p. & 8 p. wet time complain'd of. S.  
 XXIV. R. 8 m, & c. dry p. m. coldish vesp. NW.

## April.

1671. 18.  
 XXVII. Sudden overcast m. offer. windy a. m. Rain 7 p. E.S.  
 XXVIII. 6 p. Cloudy, Windy, Showr vesp. SW.  
 XXIX. Showr m. winds, heat, showr 4 p. & 7 p. SW.

72. 7.  
 XVI. Wind & wet 6 m. Chill wind, Cloudy as for Hail, Hail at *Stratford*, cold n. NW.  
 XVII. 11 m. Fr. bright, Nly cold, cloudy, some mist. NW.  
 XVIII. Cold, dry, misty beneath, especially ho. 4 p. N.E.  
 73. V 27.  
 VI. Close, windy, mist, drisle à 3 ad 9 p. E.  
 VII. 1 m. warm, oft overcast a. m. drisle, Hail o. showing 1 p. wet à 3. ad 5 p. Rain 8 p. mist. N.E.  
 VIII. Fair m. close and wetting a. m. N.E. but vesp. S.  
 74. 15.  
 XXIV. Offer a. m. Dry p. m. NW.  
 XXV. 2 m. high wind, cool, open. NW.  
 XXVI. H. wind and showing p. m. & vesp. & 9 p. wind laid. SW.  
 75. 5.  
 XIV. Fair, temperate, very hard. E.  
 XV. 2 m. close m. fair, warm, dry winds. E.  
 XVI. Warm, brisk wind, close, mist p. m. E.  
 76. V 24.  
 II. Very cold m. cloudy, windy. E. N.E.  
 III. 2 m. Fr. Ice, somet. overc. fo at n. E. S.E.  
 IV. Close m. showing 9 m. open, warm. W. m. N. o. Ely. p. m.  
 77. 11.  
 XX. Rain 9 m. close m. p. misty, very warm, Sun occid. Wind various. E.  
 XXI. 8 p. closing m. showr 1 p. Open. E.  
 XXII. Cold m. troubled and misty Air, f. wet 3 p. Cold complain'd of, and imputed to 1/2 27. W.

## May.

1671. 16.  
 XXVII. Cool, close m. p. W.  
 XXVIII. 2 m. misty Air, showr in prospect a. m. & p. m. showr 5 p. W.  
 XXIX. Close m. warm, lowring. N.  
 72. 5.  
 XV. Dry, fair, warm, misty Air, Halo notable circ. Sun, observed by the People ad merid. NE.  
 XVI. 7 p. bright, warm, white cl. *Centauri caput visum ad noff. Med.* NE.  
 XVII. Bright, hot, dry clouds in Scenes wind E. mane, at Temp. pomeran. S W. S.E. clouds, ride contrary from the North.  
 73. 26.  
 V. Close, cool, drisle once or twice. NE.  
 VI. Close m. p. drisle 6 p. cool winds stir. N. NW.  
 VII. Very cold m. oft overcast, dry, N. at vesp. E.  
 74. 13.  
 XXIV. Drisle 7 m. H. wd, close, warm. SW.  
 XXV. 9 m. very hot, foggy air, f. lowring. E.  
 XXVI. Warm, H. wd. shows 2 p. 5 p. SW.  
 75. 3.  
 XIII. Hot, fair, mist, N. mane, vesp. W.  
 XIV. 4 p. hot, dry, f. lowring, overcast. Wly. mane, vesp. E. XV.

XV. Frost, close m. open, cooler, brisk winds,  
f. drops 8 p. *ab orient.* showr 9, 10 p. *Ely.*

76. ☽ 22.

I. Showr 5 m. hot, f. white cl. *W.*

II. 6, fair, *meteors* 11 p. *W. N. W.*

III. Close m. cool, fair p. m. bright meteor from  
*Crater* through a whole Sign Westward. *W.*

77. ☽ 10.

XX. Foggy, lowring a. m. clouds long streak'd  
Gusts of wind 2 p. 5 p. cool day. *E.*

XXI. 10 m. overcast, a. m. clear & dry, p. m.  
wind various. *E. vesp. N.*

XXII. Suspicious in f. parts of h. o. H. wd,  
a drop, clear Horizon o. mist *vesp.* *Ely.* clouds  
S E. & ho. 8 p. N E.

## June.

1671. ☽ 14.

XXV. Fair, lowring o. windy p. m. *S. W. N.*

XXVI. 10 m. fair, dry, wind, overcast 4 p. *N E.*

XXVII. Close N. m. & lowring, open, windy  
p. m. bright n. *W. N. W.*

72. ☽ 4.

XIV. Overc. wds, f. drizzle 8 p. *S. W.*

XV. 2 m. close m. p. wind, dropping 3 p. *S. W.*

XVI. Close m. wd. fair, wdy. p. m. *S. W.*

73. ☽ 23.

III. Lowring Air Merid. hot p. m. Fair.

IV. 8. Fair & hot, yet brisk cool wind. *E.*

V. Very hot, cloudy p. m. gentle rain 8 p. *S E.*

74. ☽ 11.

XXII. Bright, hot, windy 11 p. & very light-  
some then in North East. *N.*

XXIII. 8. Overc. and hopes of Rain. *Lure-strings*  
crack, Wly. *vesp. Ely.*

XXIV. Bright m. Lowring 10 m. & *alias*, sus-  
picious 11 p. *N. W.*

75. ☽ 1.

XII. Close, drops 3 p. Rainy 9 p. &c. *W. name*,  
but p. m. *Nly.*

XIII. 4 m. windy, close, cold, light in North  
ho. 11 p. *N.*

XIV. Fair a. m. showr 5 p. & 8 p. wind. *W.*

76. ☽ 22.

(XXXI *May.* Rain 8 m. off overc. brisk wind,  
Rain 6 p. red clouds *vesp.*) *W.*

I. 11 m. cloudy m. p. Sun eclips. warm, windy,  
showrs 1 p. burning brightness in the North. *W.*

II. Off overc. wd. suspicious, wds up *vesp.* *S.*

☽ 18. *Novilun. alterum.*

XXIX. Windy a. m. dropping 2 p. Rain 11 p. *S. W.*

XXX. 12 Rain 2 m. Rain little a. m. wd. and  
lowring clouds. *W.*

I. 7ul. wind, drops o. warm, coasting showrs  
7 p. *W.*

77. ☽ 8.

XIX. Fair, f. mist, lowring o. clouds upper,  
fly N. lower W. warm, dry wd. red clouds. *E.*

XX. 1 m. fair, misty cl. 11 m. ho. 7 p. clouds  
fly Easterly, wind various, Meteor *prope*

12 p. swarm of Bees on a Sign in *Cheap-*  
*side.* *E.*

XXI. Mist m. bright, heat. *E.*

## July.

1671. ☽ 12.

XXIV. Rainy, obscure d. brisk wd.

XXV. 8 p. showr 11 p. *by alias.*

XXVI. Close, f. moisture ho. — m. *Muscis*  
*pluisse nuntiatum est.*

72. ☽ 2.

XIII. Close m. p. cool wind. *N.*

XIV. 9 m. H. wind *ante luc.* cold, gloomy. *N. W.*

XV. Open, clouds gather a. m. hail, close and  
lowring 9 p. *N. W.*

73. ☽ 21.

III. Offer 8 m. *Delpbin.* occ. smart showrs 5 p.  
*ad 11 p.* Weather complain'd of. *S. S. W.*

IV. 2 m. clouds in Scenes, 11 m. Storm, f. Rain  
Thunder 8 p. Rain 11 p. *S. W.*

V. Cloudy, dark 9 m. Wly. open & warm. *N. E.*

74. ☽ 10.

XXII. Soultry, Fog a. m. R. 1 p. S E. 4. 9 p.  
N E. Thunder 1 p. *N. mane. vesp. S.*

XXIII. 4 m. open, H. wd, S E. Rain p. m. S W

XXIV. Rain 2 m. 7 m. H. wd. *Trajectories*  
4 occ. *S. W.*

75. ☽ 29.

XI. Hot, lowring, f. mist, windy *vesp.* *E.*

XII. 1 p. cloudy, a. m. windy, warm, cloudy  
at n. *E.*

XIII. Windy o. fair, warm n. *N.*

76. ☽ 17.

XXIX. Fair, white cl. many *Meteors ab Aquila*  
*ad 14* in the South. *E.*

XXX. 1 p. hot, fair, long cl. *ab Austro* in Sept.  
1 p. clouds like kembd Flax, *Meteors*, hot  
11 p. *N.*

XXXI. Fair. overc. p. m. f. drops, W. *vesp. N.*

77. ☽ 16.

XVIII. Close, foggy, lowry p. m. scarce offer.  
Just drop 6 p. *N.*

XIX. Dry, foggy, pale cl. m. heat, lowring,  
dry. *S. W.*

XX. Hot night, bright, not a cloud in the Sky,  
f. mist, N. Hot, E. *N. E.*

## August.

1671. ☽ 10.

XXIII. Fog, clearing 9 m. very warm, f. showr  
Sun occ. gentle Rain 10 p. *W.*

XXIV. 8 m. foggy m. Soultry, clouds in *scenes*,  
calm.

XXV. Fair m, foggy a. m. warm, dropping 6 p.

72. ☽ 29.

XI. Showr in prospect 1 p. 2 p. 3 p. H. wd. 2 p.  
R. and many thunderclaps *sub vesp.* *S. W.*

XII. 6. Close m. p. & lowring, drizzle 9 p. wdy  
7 p. hot p. m. *N.*

XIII. Wet night, close a. m. H. winds. R. 6 p.  
*S. W.*

73. ☽ 19.

I. Rain *ad med. noct. prac.* & wind, close m.  
open, wind, coasting showrs, Sun occ. *S. W.*

P II.



II. m. white cl. aloft, overc. at n. S W.  
 III. Rain > or, & antea, hard R. 10 m. and  
 shower 5 p. S W.  
 m 8. *Novilun. alterum.*  
 XXX. Shower 6 m. 6 p. o. 9 p. &c. wdy.  
 S W.  
 XXXI. 8. R. hard, 7 m. especially 3 p. 9 p. &  
 noff. tot. S W.  
 Sept. 1. Open, shower in prspcct 3 p. 5 p. S W.  
 74. m 8.  
 XX. Closing, wet 1 p. 6 p. N E.  
 XXI. 10 m. closing, L. Rain 4 p. drops 8 p. N.  
 XXII. Close m. p. shower 10 p. S E.  
 75. m 28.  
 X. Soulttry, cloudy, fair. W. N. N W.  
 XI. 2 m. dark m. fair, foultry n. S W.  
 XII. Dark m. Rain p. m. S W.  
 76. m 15.  
 XXVII. Close m. open, cool, *Meteors* 111. 10 p.  
 S W.  
 XXVIII. 12 p. wetting 4 m. showers and wind  
 a. m. o. 2 p. dark ante 4 p. R. 7. 9 p. high  
 winds. S W.  
 XXIX. Cold, bright, pregnant cl. H. wd. N W  
 77. m 5.  
 XVII. Fog m. o. overcast & orrient florig,  
 clouds shower 6 p. S W.  
 XVIII. 7 m. Offer m. wd & fair p. m. N W.  
 XIX. Fog m. cloudy m. p. & H. wd. f. drops  
 10 m. shower ante 4 p. W. N W.

## September.

1671. m 9.  
 XXI. Wet 9 m. o. close, wds, bright n. N W.  
 XXII. 11 p. f. mist m. shower 1 m. close m. p.  
 clear night. N W.  
 XXIII. Very cold, ice, misty air, dry p. m. R.  
 10 p. & deinceps. N W.  
 72. m 20.  
 X. Frost, bright m. suspicious at n. Red clouds  
 and more winds.  
 XI. 5 m. Dark and wet a. m. Rain 4 p. *Meteor*  
*prope Ursam Maj.* 8 p. S.  
 XII. Frost m. bright, cl. in scenes, wind. W.  
 73. m 17.  
 XXIX. Close m. p. drisle, Sun occ. & 11 p. S W  
 XXX. 4 m. h. Frost, bright a. m. sho. off p. m.  
 08. L. H. frost, fair, m. drops 11 m. Fair, Red  
 clouds in the East. N W.  
 74. m 6.  
 XVIII. Frost m. close m. p. N.  
 XIX. 5 Fr. m. & bright, f. rain a. m. & p. m. N E  
 XX. Mifty and cloudy, yer dry. N.  
 75. m 26.  
 VIII. Fair, windy, florig cl. lightning in the  
 East reported 11 p. N.  
 IX. 11 m. hot n. wet and dark m. close and  
 lowring, day foultry, Rain 6 p. E.  
 X. Hot, close, hortith a. f. wd. E.  
 76. m 14.  
 XXVI. Flying cl. temperate, fair, H. wd and  
 broad clouds. N E.

XXVII. 11 p. mist m. Fair, windy, *Meteor ab*  
*ore Ceti Rigel versus. Alterum circiter ipsum*  
*Zenith* 10 p. E.  
 XXVIII. Fog, fair above. Fog again 9 m. tem-  
 perate, winds. E.  
 77. m 3.  
 XV. Fog, clouds pregnant, warm. *Goffamere*  
*Meteor prope Aquas. maum.* & 48 p. *Aliud*  
*in Collo Andromed.* N.  
 XVI. 10 p. Fog m. Fair, great dash ab ho. 8 a.  
 ad 10 p. 4 in M. C. S.  
 XVII. Warm m. f. drops 7 m. shower 7 p. cold  
 wind p. m. W.

## October.

1671. m 9.  
 XXI. Close, foggy, colder. N W.  
 XXII. 4 m. some frost, fair. N W.  
 XXIII. Close, drisle 10 m showing Sun occ. 8 p.  
 wd very high before Sun set, & per diem m. S.  
 72. m 27.  
 IX. Fair m. p. heat p. m. heat drops; coasting  
 5 p. S W.  
 X. 7 m. f. mist m. *Fila*, fair, hot a. m. more p.  
 m. no Dew at n. Great Tide observ'd. S E.  
 XI. S. wet ante luc. & ante merid. S E.  
 73. m 16.  
 XXVIII. Foggy a. m. close, drisle 7 p. E.  
 XXIX. 4 p. R. ante luc. H. wd. drisle 4 p. N E.  
 XXX. Frost m. fair, close p. m. N E.  
 74. m 6.  
 XVIII. Mifty, warm, offer 1 p. 7 p. S W.  
 XIX. 3 m. Windy, offer o. shower Sun occ. S W  
 XX. Foggy and cloudy, threatn. o. warm, Tra-  
 jectons, Two in the very place of & & &  
 & being with the Pleiad. N W.  
 75. m 25.  
 VII. H. winds, close, miffing 7 p. S W.  
 VIII. 8 p. H. wind noff. tot. showers m. close  
 winds. W.  
 IX. Frost, shower 2 p. misty air, W. mane, then  
 N W.  
 76. m 13.  
 XXV. Drisle, 5 m. close, misty, brisk wds. N.  
 XXVI. 9. Fair, f. clouds. *Meteor* 12 p. N W  
 XXVII. Fog, dark p. m. N.  
 77. m 3.  
 XV. Fog, h. frost, fair, W. S W. cloudy, threatn.  
 1 p. & alia freezing 9 p. cloudy 11 p. N W.  
 XVI. 11 m. Fair, fr. fog, brisk wd, very cold  
 by all confession. N.  
 XVII. Fog, fr. close, S W. 8 m. ho. o. N. f.  
 drisle 11 p. E.

## November.

1671. m 9.  
 XX. Close m. p. windy, Gusts Sun occ. W  
 XXI. o. warm, close winds. W.  
 XXII. warm, oft mifle, Gusts of wd 10 p. S W.  
 VIII.

72. m 27.  
VIII. Open a. m. close p. m. Meteor 8 p. high  
wind 10 p. W.  
IX. H. wind *noft.* tot. Rain m. p. H. wind and  
overcast d. SW.  
X. Misty a. m. closing p. m. f. Rain 8 p. S W.  
73. 2 16.  
XXVII. Rain m. warm, close m. p. drizzle 1 p.  
SW.  
XXVIII. 8 m. Fog, warm, wetting m. & p. m.  
winds audible 10 p. SW.  
XXIX. Brisk wind, close m. p. SW.  
74. 2 4.  
XVI. Bright, overc. o. freez. n. overcast 11 p.  
SW.  
XVII. Fr. fog, wetting 4 p. Rain Northerly  
11 p. SW.  
XVIII. Much R. *noft.* tot. & a. m. wind very  
high, R. p. m. calm *vefp.* cold *Planchers* SW.  
75. m 25.  
VI. Severe, fr. wd. mist, overc. *vefp.* NW  
VII 5 m. bitter fr. fog, fair. W.  
VIII. Frosty, fog, relent p. m. NW.  
76. 2 14.  
XXIV. Frosty, fair m. p. mist, Meteor on Orion.  
*Hum. trajectu servat* 12 p. Ice on Thames. SW  
XXV. 8 m. Fog in East hindring the prospect  
of the Eclipse, fair, frosty. SE.  
XXVI. Fog, fair, frosty, much Ice on the  
Thames, Meteor 9 p. a *Marte, Ursam versus*. S. SE.  
77. 2 3.  
XIII. H. wd, f. drizzle 3 p. 6 p. h. wd n. S.  
XIV. 12 p. Fog, dry night, open S W. fog o.  
& close S E. dark & good shew 3 p. W. *Me-*  
*teors prope caput Dracon.*  
XV. Rain 5 m. & c. drizzle 1 p. very wet *vefp.*  
ad 8 p. S W.

December.

1671. v 9.  
XX. Close, cold, windy. E.  
XXI. 6 m. very cold, close m. p. dark p. m.  
NE  
XXII. Close, cold, fog increase p. m. Freez 7  
p. mist 11 p. SW.  
72. 2 28.  
VIII. Close offer a. m. snow 8 p. NE.  
IX. 5. Fog offer 9 m. close. N.  
X. Misty, close. N. E. N.  
73. v 17.  
XXVII. Much R. a *med noft.* ad Sun ort, & c.  
warm, H. winds, cloudy. SE.  
XXVIII. 2 m. H. winds *noft.* *prac.* R. 6 m. Gusts  
& Rain 3 p. hard R. 4 ad 10 p. SW.  
XXIX. Winds; & R. *ante luc.* fair, *summers d.*  
Rain 8 & 10 p. SW.  
74. v 6.  
XVI. Close. Sly.  
XVII. 6 m wetting *die tot.* S. E.  
XVIII. Brisk wind, open, *tempest* of wind,  
drizzle 7 p. & c. SW.  
75. 2 24.  
V. Fog, dry, clear n. W.  
VI. 5. Fr. mist, close m. p. H. wds & f. R 7 p.  
W.  
VII. Close, dark, warm, H. wind 10 p. W.  
76. v 13.  
XXIII. S. frost, close, misty, f. drops. W.  
XXIV. 7. Dark fog, close, Frost. E.  
XXV. Frosty, close. E.  
77. v 3.  
XIII. Cool, clear m. p. windy 8 m. f. rain *ante*  
7 m. drizzle & H. wind o. Flash of *Lightning*  
in SW. 8 p. f. rain 9 p. wet 11 p. S.  
XIV. 10 m. Tempestuous wd *noft.* tot. f. rain 5  
m. coldish, SW. Meteor 7 p. 9 p. W.  
XV. Frost *ante luc.* Fog, wetting, dark day. E.

§ 26. Thus the Table. Wherein you have an account of VII. years, Eighty Seven Lunations, and two hundred and sixty one Days. Each day of the same Month reduced under the common Head for perspicuity's sake.

§ 27. In which Table we have not only the *time* of the *Aspect* set before us, but very often the *precise hour* of the *Effect* also, that the *Enquirer* may set some *Value* upon so *punctual* Account; the *just hour* of Rain, Wind, &c. as they take place. For in very deed *no Pretence* of a *Method* is to be valued, but what aims at the *very Hour*; that I may not say the *beginning* and the *End*, the whole and half duration, as *Astronomers* do in the *Eclipses*. But we shall not *vapour* so far, as yet; only, if so be that any *Principle* shall pretend to such accuracy as to mention the *Time*, that must be, say I, a *Genuine*, and a worthy *Principle*.

§ 28. Yea sometimes we have noted the *Rises* and *Obits* of the *Planets*, and their bearing toward the *Fixed*, when we have been curious to compare suspected Causes with Effects, to teach the *Enquirer* that he is engaged in a *World of Observation*: and that not the ☉ and the ☾ only, as the *Vulgar* deem, but the other *Celestial Bodies* (none excepted) act their parts as *certainly* and as *evidently* as the ☉ and ☾ doth.

§ 29. Before we give you a *Synopsis* or shorter view of this Table, it will not

not be amiss to represent to you the *Order of Nature*, and the whole Course of her Meteors from First to Last, by which the Reader may be somewhat edify'd, and our future discourse appear the clearer.

§ 30. Now Nature, as far as I conceive, seems to have begun at first with the *Privation*, the *Tobu* of cold dark Air. The gradual Progressions seem to be reduced to Warmth and its Degrees, as I may distinguish them into Positive but *Insensible*, then *Sensible* and Vehement; these degrees, with the mixture of Cold working on their subject matter, emit such variety as we see. First we have

1. Excessive, stubborn, unmixt.  
Frost and cold. Thence  
Dry Constitution. Thence  
Serene.  
Calm.
2. Warmth insensible. Then  
Exhalation invisible. Thence  
Wind.  
(Mist. Halo.)  
Wind from the North.  
From the North-East.  
Clouds.  
Hail, Snow.
3. Tepor, or Warmth sensible,  
Dew, Fog.  
Fila. Gossamere.

- Wind from the North-West.  
Trajections.  
Pregnant Clouds.  
Rain moderate. *Iris*.  
Wind from the West.
4. Heat Intense.  
Lightnings Nocturnal.  
Wind from the South-East.  
from the South-West.  
from the South.  
Hot Days.  
Hot Nights.  
Winds Tempestuous.  
Rains Violent.  
Lightning and Thunder.

§ 31. Hereabouts, or pretty near is Natures *Tract*. Cast these Calculations into Alphabetical Order for convenience sake, and we shall see into the very *Anatomy* of the *Novilunar Influence*. For as for Objections which may be made against this Scheme precedent; either they are not very material, or at least we cannot stand upon their solution at present.

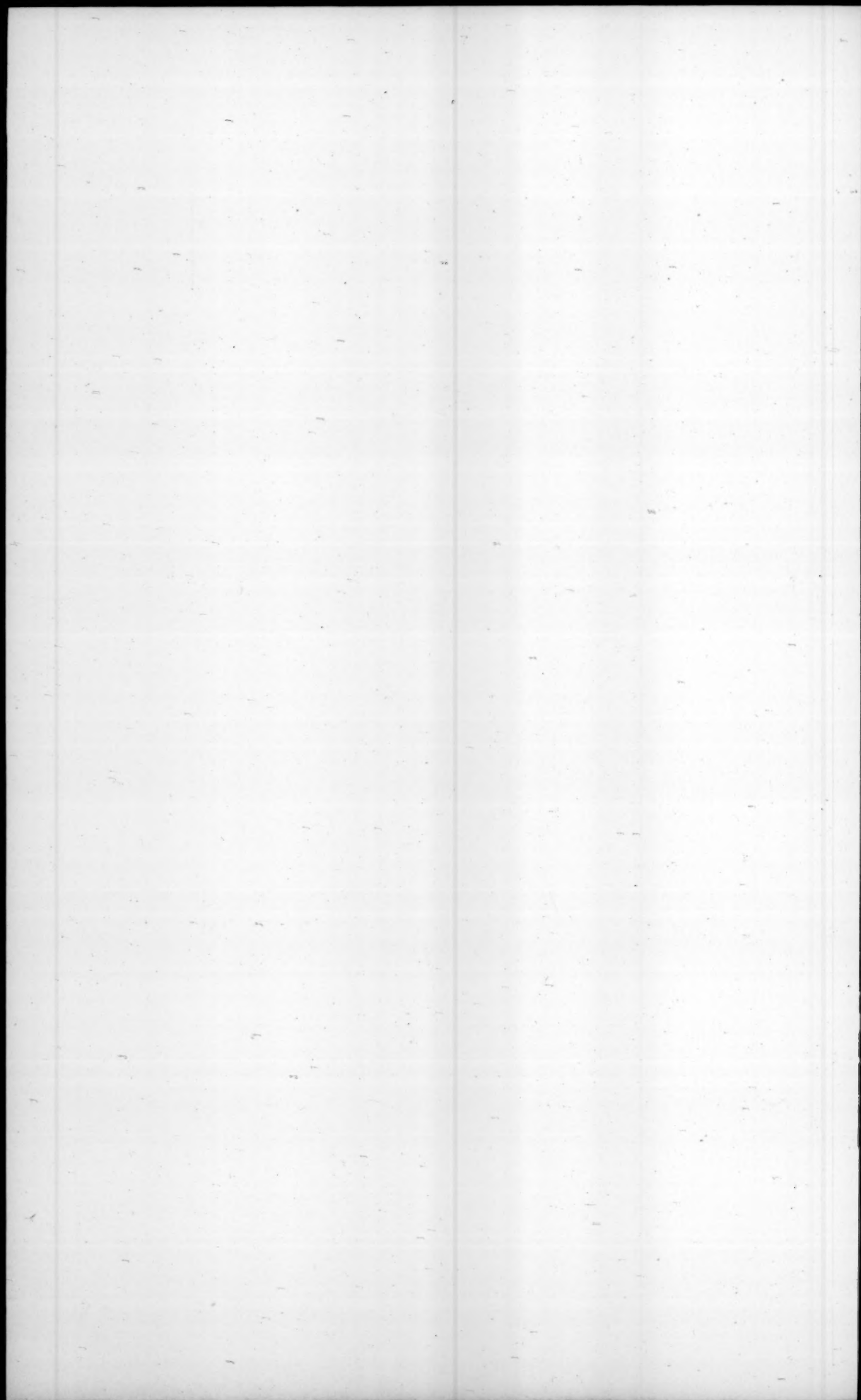
The Total of the days in the precedent Table.

Gold Frosty Days or Nights. — 63.	Serene, Fair. — 31.
Clouds Pregnant. — 72.	Trajections. — 19.
Glofe. — 2.	Thunders. — 3.
Fog or grosser Mist. — 2.	Warm. — 31.
Fila. — 2.	Wind. — 101.
Frosty Days. — 34.	Wind Change. — 29.
Hail. — 4.	Wind Tempestuous. — 37.
Halo. — 0.	North-Wind. — 40.
Hot Days. — 28.	East. — 45.
Nights. — 8.	West. — 44.
Lightnings Nocturnal. — 1.	South. — 18.
Mist. — 47.	South-East. — 16.
North-East. — 30.	South-West. — 58.
North-West. — 31.	North-East. — 36.
Rain Moderate. — 109.	North-West. — 12.
Violent. — 28.	

§ 32. Our Learned *Antagonists*, as if our sentences were of Things impossible, often ask us *how we come distinctly to know the Natures of any Celestial Body*, the Sun excepted: We answer, the Method is here before them, let







let *Industry* and *Experience* gather such *Tables* of the Planetary Congresses, (the larger, the better) and they shall see, as in a Glass, the Effects of the Aspect, and from thence define the Natures of the Celestial Bodies so configured, as much as serves our turn, (and we know no more of the *Sun* it self) yea, the Nature and *Character* of every Degree in the *Zodiack*, may be so determined, or if they will take the pains to adapt a *Table* for VII. years (thats the least) to each degree from the *Appulse* respectively.

§ 33. Only our Evidence for *Warmth* by our own *Table*, seems not to be so full and Cogent as our Interest requires; for under the Title *Warm*, we find but 31. Of *Hot* Days but 28. in toto 59. What's this to 261? especially when the *cold* days are able to face them, whose sum is 63. I answer, all the *warm*, *Hot*, and *Soultry* days which occur in the larger *Table*, even in *Summer* time, must needs be ascribed to the *Influence* of our Aspect. Nor will it prove in the end, that the *Cold* Days are equal to the *Warm*, not in these VII. years, nay nor in any one of them. But if it should happen in 15. or 30. years, as it cannot well, (I think) that the cold days should have the greatest Poll, I would make the equal Reader judge of this Problem, whether in this case the Nature of the ☿ stands indifferent to Heat and Cold, whether the Lunar Light, I say, can be imagined indifferent, as to those qualities; seeing *Light* and *Heat* are acknowledged the same thing, so that the *Sun* it self would not be *Hot*, but on the account of the *Light*.

2ly. Whether it may not probably be said that Heat therefore is an Effect Proper, & per se, and that Cold is *Alien*, and per accidens; and if so, what Violence would it do to any man's Intellect, who shall allow the *Sun*, yea the *Moon* to be endued with warmth? If he should thereupon concede a new superinduced warmth upon their *Union* and Congress; the Learned *Gassendus* doth the one, and not the other.

3ly. I should smilingly ask who knows but that this our Aspect may be taken upon suspicion for the very Cause of Cold, happening so critically on the very day, since many of those Days so noted, are found even in *June*, *July*, against the very Nature of the Season, especially since some *Philosophers* I can tell you, have heretofore ventured to say, that the ☿ was a Cold as well as a Moist Luminary.

§ 34. Let us consider again therefore as to the Warmth of the Summer Days here concerned: That though the Word *Summer* smells of the *Oven*, and sounds hot and parching, yet notwithstanding, he who shall recollect himself from his own Experience, and descend into Particulars, shall find that every day in the height of Summer it self, is not by any irrevocable necessity Hot or Warm; whose Days often prove cool to a great degree, for no small part of the time; so that an usual complaint flies about of no Summer many times, when Summer is almost expired. Therefore whensoever any Day proves warmer than its Neighbours, it must admit some Principle of such Heat, besides the general Cause, as they call the Solar Heat. And therefore if a Man should enquire whence the Heat issues, for example, March 29, 30. Anno 1671, and Sept. 9, 10. Anno 1677, and also the intermediate Months between those two extremes of the Festival half year, he may see the Aspect stand Candidate to be admitted to answer: remembering before we part, that if the festival Day be termed only warm in the Diary, that warmth, though it sounds temperately by a common, though not inelegant Metaphor, may signifie intense Heat in a tolerable degree, as Soultry in the less tolerable. Howbeit, we have a share even of Soultry days to be found in the Table.

§ 25. Consequently to this let inquiry be made among the Novilunar Days in the Hyemal moiety of the year, and we shall find warm days in every Winter Month within the Verge of our Aspect. 'Tis our great Interest



to secure this *prime* influence of our Luminary; therefore we are willing to point at, first *October* 9, 10. *Anno* 1672. noted for Heat, with a great *Tide* accompanying it. *Octob.* 13. *Anno* 1674. *Nov.* 21. *Anno* 1671. *Nov.* 27. *Anno* 1673. Warm. *Nov.* 15. *Anno* 1677. a warm Night. In *Decem.* *Anno* 1673. Summer Weather. *Decemb.* 7. *Anno* 1675. Warm day. *January* 29. *Anno* 1671. *January* 15. *Anno* 1675. Welcome and Temperate. Weather. *February* 22. *Anno* 1677. the like. Add Lightning to help out, *Decemb.* 13. *Anno* 1677. But what should I mention the rarer instance of *Lightning* and *Thunders*; I might run to a greater Sum of Nightly *Fiery Meteors*; for however I acknowledge they may shoot briskly in their own Region, seen in hard Frosty Nights, as in *November's New ☽*. *Anno* 1676. Yet I hope those which happen in a more open Season, may be Tokens of a warmth extending it self, however elsewhere hindred, to our lower Mortal Region. Thus shall you find *Trajectories* noted, *July* 24. *Anno* 1674. with no more warmth noted on that day, though but two days before there is noted *Soutry Air* and *Thunder*. And on the 29th. of the same Month many *Meteors* marked, *Anno* 1676. and Heat expressed not till the Day after.

§ 36. But the answer I take to, is as follows. We must distinguish of *warm Days*, Days of *Expressed* Notation for Warmth or Heat, and so they are but a few, scarce enough to baffle the Cold Chill Days. But I pray remember how many and sundry times; may an Observer not find himself engaged to write *Warm* and *Temperate* in Spring or Summer time, when 'tis a *Natural* Constitution; When 'tis an *Ordinary* and *Durable*, though *Preter-seasonable* Constitution, Cold will be sure to be remembered; even in Winter it pinches us to make us remember, and we wish it over: But Warmth we observe not, unless it be *New*s, and note some alteration. The *Tedium* of *Tautology* is odious to every Pen and Ear. Once then for all. Every Day where there is no mention of *Cold* is ascribed to the *Warm Side*. Certainly, all Days of Rain, and some of Snow being often found with a *Tepor*: And may I not say that Fog, Eperience being Judge, doth betray a Cause *remissive* of Cold and the Extremity thereof? — *Nebulas neq; in aestate, nec in maximo frigore existunt*, saith the Naturalist. So that upon the upshot we exclude not a Day, but those which are absolutely Cold and Freezing, without the least Sign of Relent or Yielding (for why should we give away our Right?) seeing That Relent or Yielding bespeaks a contrary Agent, prevailing in part, at least, however sometimes not getting the Victory.

§ 37. Because the Right of the Heavenly Bodies is not ours to give away, what shall we say to those *Novilunar* Days, when no *Remission* of Frost seems to appear, and yet sometimes a *Southerly* Wind is known to blow: Must not the new ☽ answer for that Wind? Yea, and this use we make of this *Secret* in Nature, that, as the *South-Wind* is of a *warm* Character, though it may breath under a *Frosty* Constitution, even so, though under such *cool* Circumstances, now and then, our Aspect may challenge the same Character also.

§ 38. And all this conduces toward the *Prognostick* part, unless you would have the Pretender, like the *Crow*, always bespeak *Rain*, or think nothing is done, with the *Vulgar*, unless they see a *Showre*: Alas! There is no place on the Earth where it rains *always*. We, before have our *viciissitudes* of *Temperate* and quiet Air, a *Fog*, a *Cloud*, the more silent complications according to Natures ambling pace; so that it behoves an *Astrologer* to trade in dry Weather sometimes, and be content to foresee a *gentle remission* of a stubborn Frost, and think he hath done well, if it falls consonant to Nature, who must not always be upon the Gallop.

§ 39. Thus for the *Prime Product*. But now for the Rain and Wind. *Hoc opus, hic labor*. How shall we justify that? We have more ways than one

one to this Wood. What if we should acquaint the World, that seeing the Days in the Table exhibited, are *treble* to the Aspects, that we are not bound it may be, to the number of the Days; It is enough if we have regard to the Aspect, and then our advantage is this, that whatsoever shorter proportion the Effect beareth to the Days, we are safe enough, if that Aspect affords us its Influence in *any one Day* of the Ternary, by that means giving Testimony sufficient to it self. Thus the *Seaman* justly imputes the Flaw of Wind, and the *Husbandman* his expected Showre to the change of the ☽. If it happen at all, he thanks I say the said *Configuration*, hap it at what time it will within that *Triduum*.

§ 40. This may surprize our Adversary so far, that he may censure us as no fair Dealers. But there is no *avoiding* it, for the Aspect must be considered from the beginning to the end, from the *Minimum quod sit*, to the *Maximum quod non*, throughout the whole Territory and Dominion; and therefore we see the *Shepherd* and the *Mariner* do not fix the day, but expect it *once or twice*, it may be, within the *Three*, and prize their Experience, counting themselves *no small Men*, for understanding more than some, who are greater Conjurors.

§ 41. For Aspects then the Table witnesseth thus, LXXXVII. Aspects are brought on the Stage; *no less* then LXXI. bring Rain with them. *No less* then LXI. bring Winds.

§ 42. Concerning which by the way, we acknowledge that we have made use of every *Brise*; for we, who do believe there is no *Casualty* in the least Puff, *directly* issuing, could do no less. Every Gale at least, which may be *Serviceable* to the *Navigator*, ought to be considered. But here we are conscious of some defect unavoidable, seeing our Observations could not be made on the *Top Sail* at Sea; a constant Watch kept above Deck Day and Night by Succession, must needs tell a different Tale from him who hath slept out a Watch or two, in the Hold, or confin'd to his Sedentary Cabin. Not but the Seaman is sometimes *becalm'd* at the very new ☽, as I have observed from *Haekluit*; nor can *Linschoten*, or Sir *Francis* deny it, notwithstanding they would say that in *such Cases* the Causality of the Aspect must not be impaired, because of the rarity and disproportion of the Instance. And *who doubts it*? Howbeit, as to our deficient Observation of the Wind now acknowledged, we may be believed a little, and the defect supplied from the observation of the *Change* of the Wind, and its *quota*, which may fairly be reduced under the stile of Winds; since there cannot be a *Change* of Wind where there is no Wind stirring. That I say nothing of the *Specification* of Winds, which could not be specified where there is a Dead Calm.

§ 43. But to return to our *Rain*, I do acknowledge that Rainy Changes of ☽ are not always of so high a Sum, they *Rise* or *Flag* according to the general Temperature, to which a *single* Aspect must pay respect; yet still the Change makes her part good at the long Run. So, though in *Keplers* Diary from the beginning of 1621. to the end of 1629, CXI. Lunations bring but LXXXII. wet ones; yet in the Diary of 24 years from *Norimberg* ab 1623. to 1646. Lunations CCCXI. bring CCCVI. of Rainy or Snow; of Winds CLXXII. And of our own Observation from 1652. inclusive to 1677. of CCXXIII. Changes, or (because two are missing) CCCXXI. We have of *Moisture* CCLIV. and of Wind CCXXXIII.

§ 44. Now, back Friends to Astrology have a long time exclaimed that there is no certainty in Aspects; for, say they, *they as often miss as hit*, they reckon the *single* day on which it happens by Calculation, and then they think they may Triumph. But they are short in this, that they reckon no other Notion of a Day, but the *Feria*, the day of the Week: For what if the *Feria* be dry when the Moon changes? Sunday suppose, on June 15. 1675.

hor.

*hor.* 4 Morn. If *Saturday* night before, it Rains soundly, from *hor.* 9. *Vesp.* to, or toward Midnight, the *Feria* ( the Sunday ) is dry, but the Change is not so. A day is 24 Hours; if it comes therefore within 12 Hours before or after, it rains ~~on~~ *the Day* of the Change. As there is a Lunar Month consisting of 28 or 29 Days, so there is a Lunar Day; the World admires a triple Lunar Month, Periodical, Synodical, and of Illumination. Ours is a day of the Synodical Month, only in this it is singular, that it comprizes as many Hours *after* the Change as *before*; the Hour of the Change being the common Term, half way of the whole, reckon the Day so, and then let them tell me their Mind.

§ 45. Always provided that we be not too hasty, or self-conceited, to conclude against an *Old Rule* for one or two invidious Observations of such or such a year, which, as it may happen, may be *extraordinary*, as in the year 1623. By *Keplers* Diary we find no Rain neither in *January*, (a Winter Month) nor in *February*, nor in *April*; the three moistest Months in the Year: No, not in the *Triduum*. Well, we who look back many Years before we pronounce, do find that there is great and *admirable Variety* in the Celestial Courses; and that a *General* Temperature of the year swallows up the *particular Inclinations*: must the Aspect therefore be *indifferent* to wet or dry, because it failed *twice* or *thrice*? Can my crazy Body be said not to be inclined to an *Ague*, unless it be a *Quotidian*? Suppose an *Intermitting Tertian* or *Quartan* hold me half a year, do not I retain a *Propension* to the Malady, though it scape the first or second Day? So is it here; the Aspect makes her part good at the *Long Run*. The Neighbour years will make amends. In the year 1621. we have *Moist Changes*. 9. *Anno* 1622. 9. *Anno* 24. 10. *Anno* 1625. 11. and *Anno* 1623. ( the year objected ) we have 6, put them together, and the Sum will answer the Objection.

§ 46. Let me not be reckoned tedious if I give a further Example of our Own; in the year 1652. (when we first observed) the Change in *January* proved very Dry, and Frosty; in *February* Cold and Windy; in *March* Foggy and Hot; (an Intermission of 3 Courses) what then? The *Inclination* to Rain sleeps not; for the Change in *April*, *May*, *July*, *September*, *November*, brings Rain and Winds. In *June* and *August* Rain and Thunder. While *October* and *December* intermit again, with Mists and Frosts, Cloudy Air, and Windy. Well then, the Change *January* the next year, 1653. brings Rain; so *April*, (mark the intermission of *February* and *March*) yea, the *April* Lunation brought but a drop or two, and *July* scarce perceivable; *May*, and *June*, *August*, *September*, *October*, *December*, all, but *November* showed down its Influence. And if *Hewelius* had observed but thus much, he would have told us that the ☽ was placed so near us, rather for this Influence, than for the advantage of those who observe her Motion to a *Scruple*, and nothing of *Influence*.

§ 47. But, suppose now that we forego this Device of the Aspect, and it be said we are bound to give account still of so many Days concerned; Casting our Counters right, we maintain that there is an *Inclination Visible* and Palpable, to bear up toward the Number of the Days; though twice or thrice as many as the Number of the Aspect. And for this we appeal to the Table, which was, let me tell you, produced for this Reason, to make good this *Notable Inclination*, and to show the *Irrationality* of those who will not allow it: The Objection proceeding alike against this, as any other Configuration. The Question seems then thus, Not how many times, but how many days do we find concerned in the total of the Lunations? Answer, 261. So Now, how many of these by the Table find for Rain, or Wind? For Rain, we find days 109. to which add what we noted by themselves, the *Violent Rains*, whose Sum is 28. and the whole amounts to 137. beside a



petty Sum to be added for *Snow* or *Hail*, which advances the Sum to 140. and upwards. How! Of 261 days are there found 140 *Drippers* by one single Aspect? And is not the Inclination *Palpable*? For 'tis the proportion of Fifty to an Hundred, not considering the Overplus: One Aspect, (and the like we shall find true of any other Aspect) reaches to a *Moyety*.

§ 48. For I hope we are not to learn what *Mechanical* Writers teach us to good purpose, that Power and Inclination (*vis Motrix*) may be proportioned out by *Numbers*. As toward the Motion of a Bulk of 100 Weight, there may be applyed Movers of several rates; as of 10, 20, 30, 40, 50, &c. where the motive force of 100. moves that Bulk *infallibly*, because thereby the Agent is equal to the Patient; whether this equality be found in One only, or made up by several rates of ten; (suppose) 20, 30, 40. or otherwise. which of themselves, 'tis clear, are not each of them of *infallible* Effect, because inadequate: Yet notwithstanding, each of these have a *real*, unequal *Share* though it be, in that Effect. That of Ten is a *Tenth*; that of 20. is a *Fifth*; that of 40. above a *Third* part; that of Fifty is a *half* Sharer, since another of the same rate performs the whole.

§ 49. This presupposed, helps to clear our design of our Table, and the Constitutions there, all which say *we* (except those which come in by accident) the Aspect reaches, *Consideratis Considerandis*. For we do not, except it should *Snow*, or *Hail* as often as it *Rains*, nor *Lighten*, or *Thunder* as oft as 'tis *Warm*; seeing the year is not wholly *Winter*, or *Summer*, but is divided into *Lesser* Seasons, where those rarer Constitutions happen by *Virtue* of that Inclination.

Lay them now in progressive Order, and see whether that will edifie.

1 V. Lightning or Thunder. ————	6.
10 Trajections. ————	19.
Mist. ————	80.
Wind. ————	103.
Rain. ————	134.

And is this Influence of the Change *indifferent*, Now! Doth it not most incline to *Rain*? Next, under that, to *Wind*, *Mist*, *Trajections*; &c. Hence say I, one ☿ ☉ ☽ Inclines to *Mist*, *Clouds*, *Winds*, *Rain*, and to *Trajections* (at times) yea, to *Thunder* it self: But to *Rain* and *Wind* most, 'else how come these instances to exceed? For *Rain* and *Wind*, we have demonstrated come not from any *unaccountable* Motion of *Matter*, but at set determinate *Periods* and *Revolutions* of *Heavenly* Bodys. From this difference of the Account in such *Revolutions*, say I, as there is greater disposition to *Fog*, or *Cloudy*, than to *Frosty* or *Serene*; hence in ☿ ☉ ☽ there is some real Influence toward *Mist* and *Fog*, and close weather: And if there be a greater aptitude for *Wind* and *Rain*, than for *Dry* and *Calm* Weather; such as shall aspire almost to the *Moyety* of Days Comprehended; (reckoning 2 or 3 to every *Lunation*) then there is some known Force and Influence in the *Lunation*, which being not content with such *Imperfect* Productions, as *Fog* or *Clouds*, (though dispositions to *Rain*,) help to bring forth *absolute* and compleat *Moisture*.

§ 50. To a *Moyety* therefore we are arrived in the days and that is enough to prove the Aspect not to be *indifferent*; They are as *Powers* of Fifty, to the Motion of an 100. So 'tis an *even* Wager it *Rains* on One of the 3 days concerned. And if any should be so *toysome* as to engage against such an *Event*, in his Favour let me ask; Who shall decide the controversy, in case a *Showre* in *Prospect* be discerned, when possibly it *Rains* not upon the Spot, nor (as the *Wind* may fit) is like to do. Or suppose that the Air looks *suspiciously*, when we have reason to believe it rains (or dews) within the



Verge of our Horizon; and in this case, in my Judgement the Wager is not absolutely and necessarily lost; seeing no Astrologers, or Others, will profess always to engage that it shall Rain upon his Rivals Head. No, he takes his measures from the publique, the Country round about; if it reigns on the Neighbourhood, the Heavens have done their Do, and so hath the Aspect.

§ 51. Now, the *Fatal Paralogism* of the Adversary is this; He, when he sees not such frequency of Activity as he requires, concludes that there is *None*. As if because there is not the excessive proportions of 60, 70, 80, &c. towards the Motion of a 100, Therefore there is no Activity or Force at all in the Agents. Whereas a Motive Power even at 40, 30, 20, hath a considerable Force or Strength towards the Effect, although it be not commensurate to 50, 60, &c. Aspects have no Force, because, they miss *as*, nay, *more often* than they hit. Gassendus himself so reasoneth. But 'tis hard to conclude that an Aspect hath *no* Force, when the objection confesseth that there is *some*; and that brings its Effect *almost*, nay *every whit* as often, as the contrary. For what else, I pray, should make the Success equiponderate with the Failure? Is it not abominable to conclude there is nothing of Weight in one fill'd Scale, where it equiponderates with the other? If an Aspect should contribute beyond the Moyety to 70, or 80 times, and fail only 30, or 20 times, would not the inclination be *confess'd*? Well then, if it contributes but 50, is the inclination *abolish'd*? Put case it contributes on this side the Moyety but 30 or 40 times, it is a great way distant from *nothing*. *Five Pound* is Weight, though it be not *Fifty*; and *Ten Pound* is Weight, though it be not an 100. Five Pound is not Weight of it *self* to crack a Nut; shall I therefore infer it hath *no Pressure* or Ponderosity toward such Effect? Common Experience refutes it. Some outward Force or *Impulse* may be indeed necessary, but the less is requisite, as the Weight is the greater. The Learned should have discerned the *Inclination*, though but *Partial*, and not *absolutely* denyed, but considered once and again (since nothing is more reasonable in their own Opinions, than the dependencies of the *Inferiours* on the *Superiours*) and never left searching of these Truths, of which themselves upon Examination had found some Glimps.

§ 52. More we could say, but it seems creeping to desire what is not *down right*, Rain to be accepted. A *close Day*, suppose, or a *Lowring* Heaven; and yet the jolly *Wagerer*, let me tell him, many times seeing the Air to Overcast and Lowre, and put on her Mourning Vail; doth not know well what to think of it, and could With he might *draw Stakes*; so near doth a Prognostick approach the Truth, even when it comes many times *short*.

Only this I think may be propos'd, that regard may be had not only to the Sums of Rain, Wind, singly or jointly computed, (the commonly assign'd Effect of this Aspect) but also to the *Disjunctive*, whether Rain or Wind, seeing they oft times take their turns, and are not found always accompanying each other. So a careful Observer may enhance the Sum of the Influence by accession considerable. No less *XLI*. Winds without Rain being noted in this our Table; and so the Sum will lash beyond the Moyety to the undeniable rates and proportions, the Adversary being Judge.

§ 53. Now, as we are not fond of this Disjunctive neither, so have we no reason to forego it, since I will tell you, Gassendus discouraging against our Pretences, *degrades* our Professors below the Beasts of the Herd; seeing the *Prognostick* from the Notes of *Birds* and *Beasts* are *more infallible*, saith he, than that of our Pretenders. Now these Natural propensities so invidiously commended, which are natural *Complaints* rather than *Prædictions* of a *Symptom* present, not of an Effect Future, let the Reader mark as infallible as they

they are, hold only in this our *Disjunctive*. They do not determinately say Rain, but *indeterminately* Rain or Winds, as we have from *Captain Smith* learned before.

§ 54. However for the *determination* of this Disjunctive to Wind, or Rain, or both, seeing it is justly expected we should speak *Categorically* in this matter, we say that there may be found Rules in Art for *that* or for Nothing. In the mean time we gain some little Credit to an Aspect, because it is confessed that a single Aspect would then not be unworthy of regard.

§ 55. Nor yet have we drained our Table. It bears as if it would give some Light further, *viz.* to the *determination* of the *Wind*.

Let us see, the Sums being collated, we shall find that this Aspect, apt to cause Winds, is apt also to determinate them to the *West* and to the *South*, rather than to the *North* and *East*; which thus I make out; I take the Cardinal Winds, and their Complications (making VIII. points of the Compass to serve our turn) and adding the Sums, the account lies before you thus.

East.	38.	West.	36.	North.	46.	South.	56.
N. E.	25.	N. W.	27.	N. E.	25.	S. E.	12.
S. E.	12.	S. W.	56.	N. W.	27.	S. W.	56.
75.		119.		98.		124.	

So that the inclination is *least* to the East, *more* to the North, *more* than that to the West, and to the South *most* of all.

§ 56. Here I lament I had not the accomodation of the *Pyxis*, or any Horizontal Plate divided into more points of the Compass, though I see not that Natural Knowledge requires so exact a Pyx as Navigation useth; because I boggle at this; that I find the North Cardinal point gives more instances than the West. To me 'tis a great *Secret*, the cause of the North-Wind; how no Planetary Aspect, except the *Jovial* was ever dreamt of for that Cause. But the North appears when many times ☿ is engaged in no Aspect; therefore of that hereafter.

§ 57. Let no observer ask me why, of all the Winds, the *South-East* least frequents our Horizon? *Scaliger*, I remember, tells us, for *France* that 'tis a rare and *nice* Wind, so here with us in *England*. Hereafter, nor here, we shall tell whether we are able to answer this Nice Question.

§ 58. But, why the *Southerly* and *Westerly*? If any ask, he may be answered from the Premises; that the Lunation helps to warm the Air, and by Consequence to the warmer Winds: The West and South, are such.

§ 59. The indetermination or *Change* of the *Wind* in the *same* Day is *notable*, in my Judgement, the Solution is easie; for the Change, I find, makes from the cooler quarter to the warmer: 'Tis to be ascribed to the Approach of the ☽ toward the Solar Body, which at *distance* suffers a *North* or *East* Wind to blow. But in the *nearer* application befriends the Air with a Token of her Favour. The ☽ *swift* in Motion, by reason of which she was thought to have no great Influence, herein appears to be serviceable to the Change of the Wind, which often alters, according to the ☽'s application, or recess from the Sun, &c. So Fate will have it, that what is objected to her *prejudice*, tends to her *Lustre* in Demonstration of her Influence.

§ 60. *Kepler* therefore, and others, *Eichstad*, &c. make too little of this ☿ ☽ ☾, not vouchsafing to mention it, except when the ☽ is found engaged with others pre-engaged among themselves, while they impute great Effects to some of his own *Pseudo-Aspects*. As great an *affront* to the ☿ and ☽ as can be offer'd. Whether that great Mathematician disdained

to own any part of his Skill to the less mysterious *traditionary* way, or rather whether he unhappily refused right measures which offered themselves.

§ 61. But could this great Man think, if but from his own Diarys, ♄ ☉ ♃ is insignificant, when in the solitary Year 1617. it rained 7 times on the very day of the Aspect, (not to meddle with Wind) as many times Anno 1621. and 1622. VI. times Anno 1623. to press it no further.

§ 62. Only upon the account of *Thunder*, to which Meteor, as rarely as it happens with us, we say, that even with us this Aspect *inclines*, with a remote, yet real Propension; and in *Germany* more. On which account we ask again, does Thunder appear but a day before the change, May 4. Anno 1617. S. N. And shall that Change have no influence thereon? At that time there was Thunder and excels of Rain with a ♄ ☉ ♃. But he acknowledges that alone could not answer to so great a Product: No nor, which he is forced to produce, his *Quincunx* of ♃ and ♀. And yet *Ne sic quidem Causarum satis apparet*, as he honestly confesserth. All this while suffering the ♄ to stand by, blushing by it self, because unsaluted; when as he might have observed, that not a year escapes him in his whole Decade, which brings not that Constitution at the Change. Once perhaps, Anno 1626. twice Anno 1621. 1628. thrice Anno 1622. 1627. four times Anno 1623. 1625. and more then once Anno 1629. If *Meteorum Diurnum* may go for Lightning; what do I speak of IX. or X. years, when in the *Norimberg* Diary, from 1623. to 1646. (a notable Peice lent me by the Learned Dr. *Bernard*) there appears but two years of Twenty Four, wherein there is no noise of Thunder heard at some astival New ♃ or other. In the rest 'tis ordinary to hear it thrice at one Aspect. Now let any man tell me there is no inclination to Thunder in the New ♃. And if it must be granted for *Germany*, it must be granted, though but a Pin or two lower, in *England* also. But, if to Thunder, what inclination hath it to Rain, I pray? Let the *Adversary* answer.

§ 63. The *Preence* of the ♃'s *swift Course* and Transit is not so well, *Eichstad Ephem.* For first, the Transit is not so sudden; it challengeth 3 or 4 Hours in spite of Fate. The Face of Heaven is alterable in less time; for though it is true, many times Clouds, by the slow approach of Causes conspiring, do leisurely gather into a density, while Rain, in the Country Phrase, is *brewing*, yet I have seen Heaven oft overcast of a suddain, and descend in a Showre, yea Fair Weather, and anon Thunder Charged and Discharged, and all in a quarter of an Hour.

§ 64. What shall we say to those Conjunctions which bring their Effect within the time of their Corporal Contact, within 3 or 4 Hours; such as January 19. Anno 1671. Jan. 19. Anno 1672. Febr. 25. Anno 1674. Febr. 21. Anno 77. March 30. Anno 1671. April 28. ejusdem Anni. April 7. Anno 1673. April 21. Anno 1677. May 2. &c. All these with a little computation will be found to fall within the terms of the said partil Aspect, as manifest as the great Dash on Sept. 10. from hor 8. to 10. P. which proclaims the Change at the Hour 10. at Night. Or the excels of Wet February 21. Anno. 1671. hor. 7. mane. proclaims the Change at 10. Morning. To say nothing of the smart Showers, July 4. 11. hor. Vesp. hint a Lunation following the next Feria at hor. 2. Matutine. Yea, nor of these Trajections which have been observed to shoot at this very time, of which we have Examples in the Table, Sept. 27. Anno 1676. November 14. Anno 1677. so that 'tis not the brief Transit (which indeed hath a due Extent) makes the ♃ ineffectual, but the flinching of the rest when they are ready for Correspondence, the *Sponge* is full, and then a Light and transient pressure expresseth moisture; otherwise the *Sponge* is dry and stubborn, and will not yield what is expected.



§ 65. 'Tis confessed by the experience of *Eichstad*, that the Aspect happening in the *Angles* (i. e.) the Oriental, Occidental, or Meridional, is wont to bring Rain. But the Course of the ☽ is the *same* in those Angles as elsewhere; and seeing Aspects *Platique* are also *Operative*, what Conjunction is there that doth not visit those Angles at distance more or less? The Fault therefore lies in the Principles of those who discern not, or overlook, the other Causes, which are of the secret *Committee*, as I may call it, where this Aspect seems to preside.

§ 66. *Posterity* will make up this *Induction*, if there be need, from all *Europe*, if not from all parts of the World. And whereas many ingenious Men say, our *Island* hath no Correspondence with the Continent, which renders the attempts of Prognostic *Ridiculous*, because impossible; 'Tis but an *Excuse*, the New ☽ hath the *same* Influence here and there, and all over the World, *Observatis Observandis*; in the *prime* product, be sure; and in its *Consequents*, according to the Capacity of the Region, and the Time of the Year. Since Fog, Snow, Rain, Lightning, are all united in one Original; and though they be *opposite* (do you mark me?) may be predicted for the *same* day, in the several parts of the World, by them who live upon the Spot, and know the disposition of several Places.

§ 67. What difficulty appears in the Prognostic at home, arises *not* because we are an *Island*, but because we are in a *Northern* Island: The Weather is more *Regular*, and of far more easie Prediction, in the *Torrid Zone*, as all Mariners will inform you, then in the Temperature, where the *Anomaly* is greatest, according as the Elevation of the Pole is more or less. But this difficulty *Astrology* mastereth.

§ 68. These things rightly understood, our Natural definitions will prove to be no longer of a *precarious Credit*, or denied their acceptation, because hitherto labouring under the ill Aspect of a notion Astrological, while *Prejudice* for a while, puts us out of conceit with Truth.

§ 69. Let the Adversaries of this Principle in the mean while bespeak the next 25 or 30 years to bring in a *contrary* indication, as if the Heavens under this Aspect or its Equivalent, (for we are sure of all, as of one) were *indifferent* to Cold, or Tepid, Moist, or Dry. Alas! when they have carefully watched the Heavenly Motions, they will be brought by their own experience to the *Old Saw*, the Good Wives *Tradition*, unless they bespeak the ☉ and ☽ once again miraculously to stand; *Stand* I say, for if they move either *forward* or *backward*, (though in this latter, I confess, some confusion of Seasons will happen) yet as to this Propension or Influence the case will be the same.

Let the Reader therefore raise his attentions toward Aspects in general comprehending not the Lunar only but the rest, all of which stand indictable for hundreds of grand commotions in the universe, recorded in *Chronicles*, or *History Marine*, since even this our *Novi-lunar* Aspect affords us such excesses, not *Tempests* only, but other more prodigious accidents, whether above, as *Comets*, which we take to be of Kin to enflamed Meteors, or below, as *Earthquakes*, and *Inundations* also, which follow either *Tempests*, or *Earthquakes*: Let those Learned Men, who shall write of either Comet, or Earthquake, look back into History, and he shall find Truth in the remark. And so, although more may be said, we are willing to conclude the Chapter.

§ 70. Only there is another way to work, to clear up the Reputation of the New ☽ for a perpetual, and in some Station, an *Infallible Influence*; we tried once by the vulgar Months, and they would not comply. 'Tis true in *September*, *October* and *December*, you shall find it fails there but once of VII. times Revolution. What then said we, if we should try in some certain Signs, which make up three Months be sure as far as 30 and 31 days will go,

though they enter not till 10 days after the appearance of the Kalender-Month: If we can bring certain days in the year, thirty in number, where the ♂ ☉ ♀ never fails as to Rain; then the ♀, as *inconstant* as she appears in her Visor, is not alway *inconstant* in her Influence. Then the beloved *Infallibility* of the Conclusion is come up, or at least is worth observing, when the Effect is not short, but exactly commensurate to the number of her Revolutions. But so it is, as may appear by the survey of this Table; some Lunations in such and such Signs are so faithful to their pretences.

Sign,	♂ ☉ ♀ Revolutions,	Event.
♊	VII.	4.
♋	VII.	6.
♌	VII.	7.
♍	VII.	6.
♎	VII.	6.
♏	VIII.	4.
♐	VIII.	7.
♑	VII.	7.
♒	VII.	6.
♓	VII.	5.
♈	VII.	6.
♉	VIII.	7.

The Signs we point at are ♊, (*i. e.*) part of *March* and *April*, and part of *July* and *August*, ♐ part of *December* and *January*, but above all commend me to ♑ most sure and most abounding. A New ♀ between XII. of August and 12 of September brings Showres 7 times in 7 Revolutions, *Toties, quoties*. Now this I hope doth not cassate what we have said, but corroborate.

## C H A P. XIII.

§ 1. Full Moon gave first hint to Astrology. 2. No naked appearance. 4. Her Septennial Diary. 5. LXXV. in 87. Dripping Full Moons. 6. What, as to Winds. 10. Effect at the precise time. 11. Her warmth confessed by Aristotle. 13. Sensible Warmth from the ☽ discernable in some cases with us. The Thermometer not subtil enough to discern it, the Eye may. 14. The New ☽ warmer then the Full by day, and the Full warmer by Night. 16. Plenilunar nights warmer than Novilunar. 17. Illustrated. 19. Comparison of the Change and Full in their Diaries. 20. Full ☽ brings more Rainy days than the New. 21. And more Storms. 22. The New ☽ produces more Fog than the Full. 23. Nocturnal Gusts, and Rains more frequent at the Full. She, or some other Planet must be up in the Night when there is any Bustle. 24. Physical and Optical reason for the Full ☽'s turbulency more frequent than the New. 26 & 29. Some Full Moons, upon Courtship, Infallible as to Moisture. 28. Full Moon's Definition Astrological, inclines to W. and Southern Winds, least of all to North.

§ 1. **T**HE next Aspect is the ☿, a Configuration as notorious as the Conjunction, God having pleased to bestow on it an Influence so manifest, that his power in the rest of the Celestials might be the more early regarded; This Aspect facing us with a Full and Serious look, that all who have Eyes and opportunity may discern the effect of its presence. The New ☽ hides her self from us, Envies us that Sight, and Calculation of her punctual Congress, but this offers her self without a Veil, even to the Eyes of Wayfarers, Shepherds, Sea-Men, and so first contributes to Astrology; For, since it is apparent that she hath power over our Bodies; We Mortals, without the benefit of this plain Aspect, should have snored in darkness and ignorance, smarting, as the wild Beasts under the Pole by Celestial Influence, yet not knowing who hurts us.

§ 2. Let the Philosophers after Plutarch, discourse of the Face in the Lunar Discus, whether they be Vales, or Waters, or whatsoever the Faith of the *Hevelian Telescope* will perswade. Sure there is some final Cause of that (as to the Vulgar it seems) *Humane* appearance, and That not any Intent to stumble the poor *Heathens* into their pitiable *Idolatry*, but rather a Design of raising our attention to that Luminary, which shining in its brightness, shews no naked Form or Beauty, but such as is invested with Power, *not Illuminative*, I say, but *Irritative* also; which we come now to evidence, if after the New ☽'s demonstration there be necessity of so doing.

§ 3. We have assigned in our Table the space of 3 days for this ☿ as well as we have already for ☽, And more perhaps we might; for what should hinder? Unless we have a kindness for the *Quincunx*, and if so; then we should have some regard for the *Semisextile* also, bordering upon the Change, which can never be allow'd at least in the *Lunar* observation, as hath been said.



## The Diary.

## January.

1671. ~ 5.

XIV. Frost, mist m. close p. m. Rain 4 p. 8 p. W

XV. Ho. 1. m. close mist m. R. 2 p. &amp; Sun occ. SW.

XVI. Wd and thin overc. 10 p. high ante luc. SW.

~ 24. ~ 13.

III. Close, cold, f. mist. NE.

IV. o. Snow ante L. Frosty a. m. cold, dark, drizzling 3 p. NE.

V. No Fr, close, coldish. NW. f. wd

73. ~ 13.

XXI. Close and very dark m. Candles used at the N. Exchange, noted by many. W.

XXII. 1 p. R. &amp; Snow 1 m. close, drizzle 7 p. W

XXIII. H. Frost, close, snow, m. &amp; 2 p. Cold wind. N.

74. ~ 4.

XI. Foggy &amp; wet m. NE. R. hard 1 p. S W. cloudy n. SE.

XII. 6 m. Fair, dry, Moon Eclips. overc. p. m. offer 7 p. SW.

XIII. R. 5 m. Foggy &amp; mist p. m. max. part, Rain earnest 7 p. SW. NE. at n. S.

75. ~ 21.

XXXI. Dec. S W. warm, open. At n. S.

I. 8. Fr. fair, warm, SE. Moon totally Eclips'd. S

II. Fair, overc. &amp; Gusts 2 p. Lambs-wool-clouds. 10 p. SW.

76. ~ 22.

XXX. Wly. wet 9 m. open &amp; stormy wind. SW.

XXXI. 8 m. H. cold, drying wd. Snow or hail

4 p. H. wd. no H. tot. &amp; d. Hail 2 p. Rain for 2 hours 3 p. SW.

I. Febr. S W. but p. m. Nly, f. frost, bright, mist f. thick cl. SW.

76. ~ 10.

XIX. Rainy 3 m. &amp; a. m. H. wd. variable, R. p. m. 8 p. 10 p. W.

XX. 7 p. R. 1 m. &amp; 8 m. Close m. p. S.

XXI. Temperate, open, close. SE.

77. ~ 29.

VII. Tempestuous no H. tot. H. wd. f. rain. W.

VIII. o. R. air 3 m. &amp; ante. Fr. with Ice m. Frosty, cloudy at n. &amp; fog. W.

IX. Cloudy, wdy, drizzle m. R. 1 p. ad 3 p. wd laid. drille 6 p. Two Meteors 1 p. S. mor. Ely

## February.

1671. ~ 5.

XII. Close m. high Gusts 3 p. &amp; 1. Sirius or. cum 12), drille 9 p. S.

XIII. 6. warm m. close &amp; mist sub vesp. W.

XIV. Cool, close m. p. S.

72. ~ 24.

I. Bright, frosty, a Lift of clouds in the West,

4 p. relent, &amp; wd turn S. freez n. SE. fine halo 11 p.

II. 12. misty m. frosty, snow pretty deep, Sun occ. with Gusts. NE.

III. Snowing no H. preced. tot. &amp; a. m. Deep above the Leg calf, Relent, snowing vesp. NW.

73. ~ 13.

XX. Fair, warm, drille 3 p. S.

XXI. Close m. R. &amp; wd p. m. ad 11 p. &amp; c. S.

XXII. Wd and showr 1 or 2 p. m. open m. p. S.

74. ~ 2.

IX. Frosty, bright, muddy 3 p. &amp; thin overc. 9 p. wds. NE.

X. 4. Frosty, fair m. SW. Snow o. &amp; 10 p. less mist.

XI. Frosty, snow 8 m. bright a. m. some clouds p. m. NW.

75. *Garet suo pleni lunio iste Februarium.*

76. ~ 10.

XVIII. f. rain 6 m. 8 m. &amp; alia, misty vesp. E.

XIX. 8 m. cold, close misty m. E. open o. S. close p. m. SW.

XX. Cold, dry, R. 11 m. gently for an hour, wd S.

77. ~ 29.

VI. Frost m. open, H. wd &amp; cloudy m. p. some Rain 9 p. &amp; H. wind. S.

VII. 5 p. Rain midn. &amp; 3 m. with hail. NW.

VIII. Frost, ice, cold brisk wd, snow n. W.

## March.

1671. ~ 4.

XIV. Fog, fair &amp; warm p. m. flying cl. at n. E

XV. 11 m. no fog, close, fair p. m. Hurricane at Cadix, the like not known. E.

XVI. R. m. Open, Wly, but p. m. Ely.

72. ~ 23.

II. H. frost. misty m. p. Sun red, Moon red, and so at n. as if Eclips'd. Narrow Halo. NW.

III. 2 p. Frost, misty m. &amp; die tot. Sol rutilus, little wd. Nly.

IV. Frost, f. mist, bright m. pleasant. N.

73. ~ 12.

XXI. Missing 5 m. close cold vesp. NE.

XXII. o. close, cold. NE.

XXIII. Very cold, close &amp; misty, lowring 1 p. Hail ante 6 p. NE.

74. ~ 3.

XI. Open m. p. fairer n. E.

XII. 2 m. frosty, snow m. p. p. m. f. thaw. E.

XIII. Frost a. l. Rain m. close &amp; warm. W.

75. ~ 21.

XXVIII. Febr. R. 7 m. miste a. m. R. apace 1 p. SW.

I. Mist 6. R. m. &amp; a. m. Open p. m. wind turn Nly, then W.

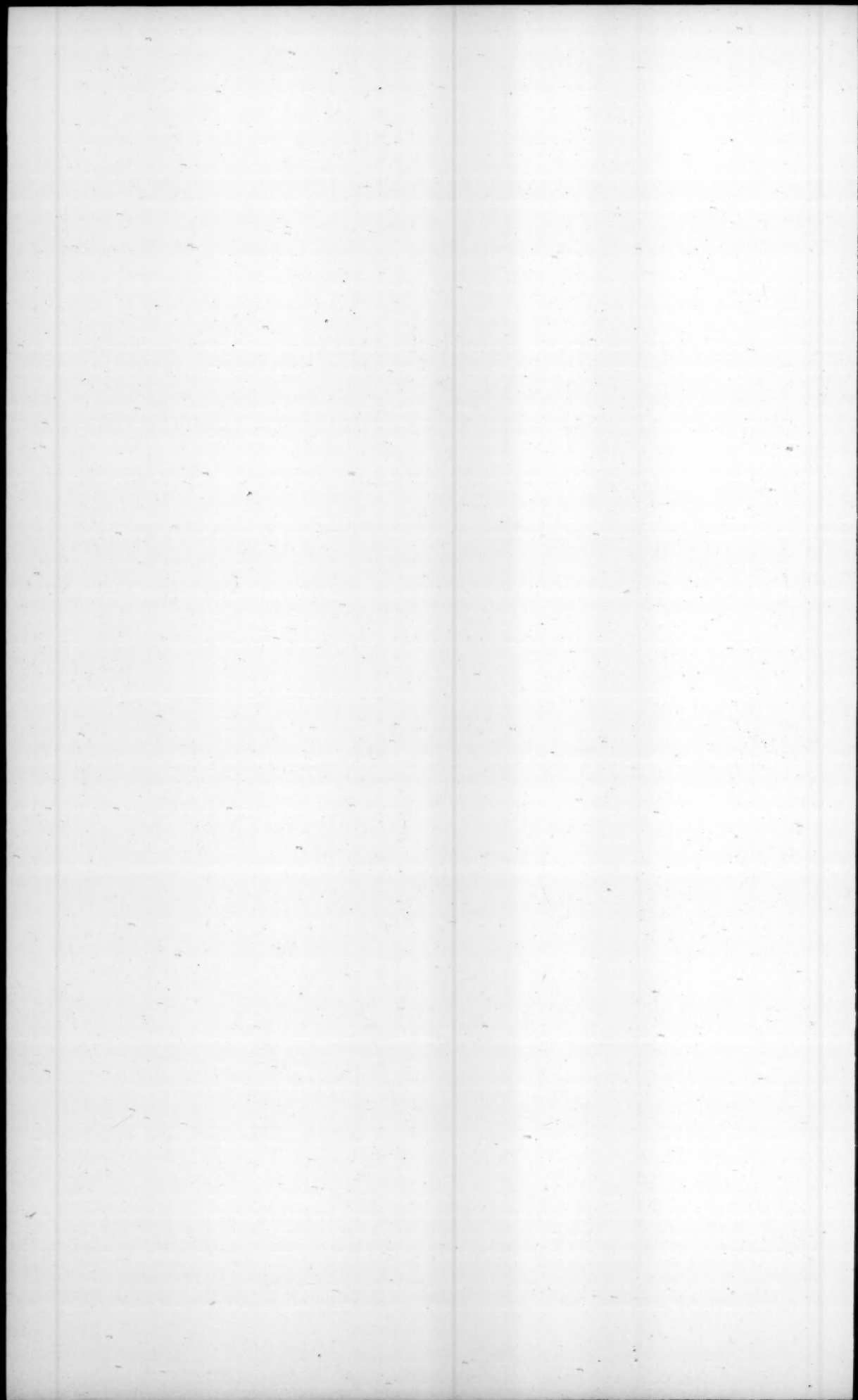
II. Fr. fair m. Hail 3 p. 5 p. Hail &amp; R. vesp. NW

76. ~ 10.

XXX. R. early, flying cl. R. 11 p. W.

XXXI.







XXXI. 2 m. Rain à midn. *ad mer.* showres 7 p.  
Ely, m. but p. m. N.  
Apr. I. Wly. Rain 6 m. Hail half an ho. after 10  
m. showre 3 p.

76. ☽ 9.  
XVIII. R. 5 & 6 m. clofe m. p. dark 2 p. wet-  
ting 10 p. E  
XIX. 7 mist, wetting a. m. *per tot.* & wind E.  
but at Noon S W.  
XX. Open m. clofe, wind, drille 8 p. 11 p. E.  
77. ☽ 29.  
VIII. R. 4 m. clofe, rain 9 p. S.  
IX. 7 m. R. mist, fair, f. wd 7 p. R. 10 p. E.  
X. Rain *ante* ☉ *ort.* & 8 m. H. wd Sly. NW

April.

1671. ☽ 4.  
XIII. H. wd & wet, cold *die tot.* E.  
XIV. 4 m. cold, wdy, bright, H. wd o. Gusty. E  
XV. H. wd, rain 1 m. cold. NE.  
72. ☽ 23.  
I. Stormy wd & R. a. m. f. scuds, clearing p.  
m. S W.  
II. 5 m. wdy, fr. clouds, H. wind, f. showrs NW.  
but, p. m. W.  
III. Bright, wind high m. Hail 2 p. 3 p. 5 p.  
wd. various. S. N. W.  
73. ☽ 11.  
XX. Windy, clear m. f. moisture 2 p. S.  
XXI. 1 m. clofe, H. wd m. often lowry, some  
shedding o. S W.  
XXII. Fine m. wdy, oft lowring p. m. drop-  
ping. S W.  
74. ☽ 0.  
IX. N E. clofe a. m. open p. m. misty 5 p. mi-  
sting 10 p. clouds ride NW. & Sly 8 p. cool.  
X. 10 m. SW. showres 11 m. & c. warmer, mist  
S W.  
XI. Rain *not*. R. 2 p. mist. E.  
75. ☽ 18.  
XXVIII. Fair m. overc. f. rain discovered  
6 p. E.  
XXIX. 10 m. E. cloudy, wdy a. m. fair, wdy  
p. m. NE.  
XXX. Ely. Clouds in scenes, mist, dry, fair p.  
m. clouds 11 p. NE.  
76. ☽ 8.  
XVII. E. offer 10 m. showr *ante* 1 p. cool n.  
E. NE.

XVIII. 3 m. R. 11 m. 4 & 7 p.  
XIX. R. 4 & 5 m. 7 & 10 m. & c. open p. m.  
mist. NE.  
77. ☽ 28.  
VI. Open, fine shower 1 p. E.  
VII. 7 p. Rain 7 m. clofe and cold. NE.  
VIII. Misty, cold wind, clofe. N.

May.

1671. II 2.  
XII. Very hot misty air, showre Sun *or.* & R.

XIII. 7. Fair, foultry, yet brisk cool wd. SW.  
XIV. H. wd, clofe m. showr 2 p. S W.

72. ☽ 21.  
XXX. Apr. Cloudy & lowring much 1 p. va-  
nishing. warm. Sly.  
I. 9. Dath of R. 8 m. H. M. C. clofe m. p. red  
cl. Sun *occ.* warm n. & cloudy. Ely.  
II. R. midn. clofe, warm, showr 2 p. Sly. W.

*Pleni L. poster.* II 20.  
XXX. Wly, Fair, hot. NE.  
XXXI. o. overc. open, overc. *vesp.* Gusts 10 p.  
NE.  
I. *Jun.* Cool m. sometimes thin overc. threat-  
ning, clear *sub vesp.* NE. E. S.

73. II 9.  
XIX. Open, temperate, blew mist. N.  
XX. 1 p. wdy, clofe m. p. offering, blew mist  
taken up. S W.  
XXI. *Pavelia* at *Womondham* in *Leicester-shire*,  
cool wd, f. showr 9 m. S W.

74. ☽ 28.  
VIII. Sly. f. rain 4 m. fair, h. wd. S W.  
IX. 9 p. overc. p. m. misty, wdy, Ely. offer  
once or twice o. & p. m.  
X. Sly. Fair, white cl. S W. brisk wd 1 p.

75. II 16.  
XXVII. R. *ante luc.* 11 m. & p. m. E.  
XXVIII. 6 R. *not*. *tot.* clofe & showring. E.  
XXIX. Open. temperate, f. wet, lowring. E.

76. II 6.  
XVI. Tempest of wd till ☽ *occ. circ. ho.* 5 p.  
rain *ante m.* & *alias*. W.  
XVII. 10 m. showr by coast o. & *alias*, 10 Sun  
*occ.* W.  
XVIII. showr 7 m. bright a. m. great rain &  
hail 1 p. N.

77. ☽ 26.  
VI. Lowring m. p. *Gossamere* 1 p. f. wd, E.  
clouds contrary 6 p.  
VII. 3 m. clouds hindering the Eclipse, misty,  
pregnant clouds, suspicious by coast 1 p.  
brisk cool wds E. and sometimes various.  
Air not wholesome.  
VIII. Early mist, fair, dry, f. lowring, brisk  
wd E. hazie prospect.

June.

1671. ☽ 0.  
XI. Clofe m. p. or clouds in Scenes. NW.  
XII. 10 m. Clofe, Rain 3 p. S W.  
XIII. Stormy winds, Rain 1 p. clofe, warm. S.

72. ☽ 18.  
XXIX. R. 8 m. 10 m. 3 p. S.  
XXX. 3 m. clofe, drille m. & c. gentle rain 7 p.  
S W.  
I. *Jul.* Drille 5 m. h. in M. C. & ☽ *occ.* &  
10 m. wd, very misty air, NE. Ar n. NW.

73. ☽ 8.  
XVIII. R. 5 m. & a. m. & 1 p. Nly, but p. m.  
S. showr 4 p.  
XIX. 4 m. R. 5 m. clofe, windy, f. wetting 1 p.  
NW

XX. Bright m. cloudy o. open, cool, lowring  
4 p. N W. S W.

74. II 27.

VII. Bright m. clouding 9 m. cloudy p. m. wd  
N. N W. warm night.

VIII. 8 m. close m. p. wd, warm n. S W.

IX. Wly, cloudy m. p. f. drisle o. offer to showr  
4 p. wd change p. m. warm n. N.

75. § 15.

XXVI. Wet 7 m. N. Thunder and a great  
dash, & f. hail, a 3 ad 4 p. h occ. W. clouds  
go to the East. Nly.

XXVII. 4 m. cloudy, lowring, f. mist, drisle  
1 p. in f. pl. S.

XXVIII. Wet a Sun or. ad o. & 4 p. ad 8 p. W  
vesp. E.

76. § 4.

XIV. Very hot, f. wd, clouds, lowring p. m.  
f. drops 9 p. complaint of Heat. W.

XV. 6 p. Hot, fair, f. cool gales, Ely. Meteor  
long in the East, seen notwithstanding the  
Full Moon.

XVI. Very hot, f. pretty brisk wd. S W.

77. II 24.

IV. Cold, fair, closing m. p. o. clear East 6 p  
but thin overcast South & West. N.

V. 2 m. Fair, dry, long streak'd clouds, clear  
horizon, no mist, cool m. N. E.

VI. Bright, dry, warmish. p. m. Ely. W. m.

### July.

1671. § 2.

X. Fair, lowring, cooler wd. S W.

XI. 10 p. Pouring R. 3 m. ad ☉ or. showring  
9 m. h occ. open. S W.

XII. Closing, wet p. m. per too. dark 4 p. h  
in M. C. W.

72. § 16.

XXIII. Fair, bright cl. wd. S W.

XXIX. 5 p. R. 8 m. gently fo m. p. d. Ely.  
drisle at n. misty day. 14 or ☉ occ. 8 m.

XXX. Rain ante l. fo Sun or. some store fo 7  
m. with wd. wet d. & stormy wd. specially  
at n. S W.

73. § 5.

XVII. Close m. wetting 9 m. Nadir drisle 2 p.  
5 p. ♀ occ. S W.

XVIII. 7. Fair, dry, white cl. long streak'd cl.  
as a furlongs length 7 p. Hottish W. N W.

XIX. Hot a. m. lowring, very soultury p. m.  
f. drops 5 m. little showr. W.

74. § 24.

VI. Showr 1 p. 3 p. & 5 p. S W.

VII. 8. R. & hail 9 m. &c. shows p. m. S W.

☽ not discerned till half an ho. after rise,  
bec. eclipsed.

VIII. Showring 10 m. 1 p. dashing 5 p. ad 8.  
fere Sly, but Ely p. m. then again S.

75. § 12.

XXV. Very wdy. Rain o. 7 p. 9 p. W.

XXVI. 2 p. Fair a. m. Rain, Hot, mistling  
Night. W.

XXVII. R. m. & 9 m. wdy die tot N W. wd.  
S W.

76. § 2.

XIV. Fair, warm, hempen cl. a. m. overcasting  
gradually p. m. H. winds. E.

XV. 2 m. R. 4 m. very hot. a. m. Rain 4 m.  
showr 1 p. ad 3 p. R. hard again, 5 p. Delph. occ.  
Thunder 6 p. as Mr. Saunders. S.

XVI. Cloudy, clouds in scenes a. m. dry p. m.  
W.

77. § 29.

III. Fair, dry m. cloudy. overc. sub ☉ occ. f.  
wd S W. N. at N.

IV. 6 p. close m. f. mist. N. lowry but with  
palish clouds p. m. bright n. scarce a cloud.  
N.

V. Cloudy m. Wd various E. N W. warm.  
Fair. E.

### August.

1671. § 27

IX. Fair a. m. coasting showrs n. & wd. thun-  
der-showr 3 p. & 5 p. h in Nadir 3 p.  
showr 7 p.

X. 9 m. open, cooling showr 11 m. 3 p. S. W.

XI. Fair, overc: 8 m. Rain o. 5 p. 7 p. & gusts  
of wd, sad harvest. S W.

72. § 15.

XXVII. N. wd, dashing o. & drisle m. p.  
S W.

XXVIII. 6 m. Higher wd. drisle 9 m. dash 10  
m. N W.

XXIX. H. wd ante l. & die tot. Rain 7 m. & 11  
m. S W.

73. § 4.

XVI. some rain ante l. showr 2 p. S W.

XVII. 11 m. close, lowring 2 p. f. drops 5 p.  
S W.

XVIII. Close, lowring, some rain 8 m. warm.  
W. NW.

74. § 23.

V. Bright m. H. cool wd fuspice. 2 p. NW.

VI. o. N W. High wd, open. R. 5 p. 7 p. 10  
p. N W.

VII. Much R. a. l. Fair, fog 8 p. N.

75. § 11.

XXIV. Cloudy m. rainy p. m. S.

XXV. 5 m. fair. S.

XXVI. Cloudy m. open 8 m. wdy. W.

76. § 0.

XII. f. Rain 4 m. Fair, overcast a. m. wd. S.

XIII. o. H. wd. flying cl.

XIV. showr 6 m. 7 m. & before. wdy, cloudy.

77. § 20.

II. Close m. p. & misting, no mist, windy.  
S W.

III. 1 m. Foggy, rain 9 m. dash o. Hot then  
&c. dark 11 p. & brisk wd. Rain noct. tot.  
fog.

IV. Drowning m. Sun or. & R. contin. ad 6 p.  
N. wind year to the West. Stript cl. at n.

September.

1671.  $\approx 25$ .  
 VII. Rain 'n. showr sudden 10 m. Storm of great Hail & Thunder 3 p. ending in Rain H. wd 9 p. N W.  
 VIII. 6 p. Frost, fair cold and briskwd a. m. Showr 1 p. 3 p.  $\frac{1}{2}$  in M.C. 1 p. &  $\frac{1}{2}$  ho 3.  $\frac{1}{2}$  totally eclips.  
 IX. Fog, rainy m. p. close n. L. wd. S W. N. at N.  
 72.  $\approx 14$ .  
 XXV. Rain *nozt.* 1. f. wetting m. warm S E.  
 XXVI. 7 p. dark, wet a. m. p. tot. Showre 5 p. warm. S W.  
 XXVII. Fog m. close m. p. f. drisle 4 p. 9 p. S W. Ely at n. gusts of wd 10 p.  
 33.  $\approx 3$ .  
 XV. Very cold n. *prac.* Frost, bright flying clouds, close n. S W.  
 XVI. 2 m. R. *ante luc.* & a. m. wetting 4 p. rain hard. H. wd 8 p. S W.  
 XVII. Furious, *Tempest nozt.* tot. clear m. *max. part.* with low flying cl. H. wd d. tot. & rain 1 p. S W.  
 74.  $\approx 22$ .  
 IV. E. cloudy a. m. N W. not close p. m. N. cloudy n.  
 V. 4 m. E. Fine day; close 5 p. coldish m. E.  
 VI. N. Overc. 8 m. lowring. open, f. wet 6 p. cloudy n. 10 p. E.  
 75.  $\approx 10$ .  
 XXII. Wind, open, temperate. S W.  
 XXIII. 8. Rain *med. nozt.* Fair, Wly wd. Rain at n.  
 XXIV. Rain 4 m. dark m. & o. warm p. m. 38. H. wd 5 p. S W.  
 76.  $\approx 28$ .  
 X. Close m. p. open p. m. wind *vesp.* W.  
 XI. 12. frost m. f. rain *circ.*  $\odot$  *ort.* & 4 p cold H. wd. N.  
 XII. Fr. cool, close m. p. brisk wd, no dew 11 p. N W.  
 77.  $\approx 19$ .  
 XXXI. Aug. H. winds *nozt.* tot. &c. many cl. & dark, lowring *circ.* o. calmer *sub vesp.* red even. Wly. Clouds N W. but Wly 10 p.  
 I. 11 m. Fog leaving a water in the basin, cloudy, windy. S W.  
 II. Close windy, warm, open a little, but cloudy 10 p. S W.  
 $\approx 17$ .  
 XXIX. Fog 4 m. brisk wd. overc. 8 m. drisle 9 m. gusts of wd. a. m. more at n. rain 4 p. S S E.  
 XXX. 8. showring 4 times  $\approx$  m. open p. m. drops *vesp.* clouds contrary to the wd 10 p. wd various. N. S. E.  
 I. *08.* Fog, some Frost, fair somt. overc. S W.

October.

1671.  $\approx 25$ .  
 VII. Gusts of wd *ante* 4 m. R. a. m. warm, close n. S E. E. at n.  
 VIII. 4 m. *stormy wds* 3 m. Rain *nozt.* gust 10. wd, open, warm, f. fog at n. Halo & calm beyond expectation. S W.  
 IX. Fog m. warm, drops o. & p. m. m. p. N. fo Sun occ. & f. Fog, very warm 8 p. Halo with red limb. narrow.  
 72.  $\approx 13$ .  
 XXV. Fair, windy, cloudy in several pl. Ho. 9. Air disposed for hail. N E.  
 XXVI. 5 m. R. *ante*  $\odot$  *ort.* ad 8 m. warm, overc. at n. S. S. E.  
 XXVII. Misty & rain *ad*  $\odot$  *ort.* ad 10 m. showring 4 p. & 9 p. S E m. S W. p. m.  
 73.  $\approx 2$ .  
 XIV. Fr. mist, rain 1 p. & c. fo 5 p. 10 p. N E. m. S E. o. S W.  
 XV. 5. Tempest of wd *nozt.* tot. open and wdy day. S W.  
 XVI. Misty clouds N E, lowring p. m. & f. wetting 8 p. & *ante* l. S W.  
 74.  $\approx 21$ .  
 III. Some wet *ante* l. & a. m. H. wd. wet Sun occ. & 8 p. with wd. S.  
 IV. 8. S E. hbr n. H. wd. showr 10 m. great dark 4 p. S.  $\frac{1}{2}$  in M. C. Rainbow, above semicircular Sun occ. calm n. S W.  
 V. 5 W. Fair m. showr 10 m. R. 4 p. 8 p. H. wd. S.  
 75.  $\approx 10$ .  
 XXII. Rain at midn. & 8 m. H. wds & stormy, warm, R. 4 p. W.  
 XXIII. 2 mist. warm wetting 8 m. rainy 10 m. ad noon. close. W.  
 XXIV. Stormy wds, dash of R. & Hail 1 p. Storm of R. 6 p. H. wds 9 p.  $\frac{1}{2}$  in M. C.  $\frac{1}{2}$  occ. S S W.  
 76.  $\approx 28$ .  
 X. Wet *ante* l. & m. fo 9 m. & misty, open p. m. Freez n. Nly *Meteors* 11 p. by  $\gamma$  light, a  $\delta$  *Capellam Versus*.  
 XI. 3 Frost, misty, fair, somt. overc. misty at n. W.  
 XII. f. rain m. & a. m. wetting 10 p. f. gusts, H. Frost at *Okeham in Rutland*. E.  
 77.  $\approx 17$ .  
 XXIX. f. rain m. Fog Nly. f. rain 11 m. snow 8 p. Clouds 10 p. cold.  
 XXX. 10 m. Fr. Fair bordering thin Clouds 8 m. overc. & brisk wds 11 m. drisle p. m. & *vesp.* N.  
 XXXI. Fog, hard Fr. dark m. E. open o. overc. 6 p. Frosty n. overc. 11 p. no mist yet p. S E.

## November.

1671. m 24.  
 V. Close, cool, drizzle 8 p. NE.  
 VI. 2 p. Clear m. overcast o. Rain 4 p. NE.  
 VII. Great Frost, Ice above the thickness of a crown piece. Frosty d. clear. NW.  
 72. 2 13.  
 XXIII. R. ante l. close wds, warm, drizzle 11 p. W.  
 XXIV. 5 p. close, drizzle o. & 4 p. wdy at n. S W.  
 XXV. Open, closing S W. at n. NE.  
 73. 2 2.  
 XII. Frosty d. Fair, Fog post Sun occ. N W. S W.  
 XIV. 6 m. Frosty, Fair. NE.  
 XV. Frosty, Fair, overcast p. m. & yielding Freez at n. W. S W.  
 74. m 21.  
 II. H. wind ante l. some wet 9 m. o. 3 p. 7 p. much Rain. Sly.  
 III. 1 p. Showry, some open. wd o. so post  
 ☉ occ.  
 IV. Fair m. p. once overcast, misty at n. S W.  
 75. 2 10.  
 XXI. Frosty, Fair, mist, wd. Ely p. m morn. Nly.  
 XXII. 9 m. Frost, but Rain 4 m. froze as it fell. Fair flying cl. H. wd. & black Fr. at n. NE.  
 XXIII. S W. then N W. H. Frost, close p. m. NW.  
 76. m 28.  
 IX. Frost m. Foggy die tot: great fog m. misting and mising 7 p. E.  
 X. 9 m. Rain 9 m. & 6 m. mist, close, warm. cold at n. E.  
 XI. Frost m. Fog, fair wd. Ely Frost 12 p. W.  
 77. 2 17.  
 XXVIII. Frosty, foggy die tot. Thaw 7 p. with Rain. Gentle shower 12 p.  
 XXIX. 4 m. Fog, mild air; not open above. S. S E. Wd and drizzle at n. S E. E.  
 XXX. H. wd & wet m. p. Rain 6 p. dark day. S W.

## December.

1671. 2 24.  
 IV. Rain m. coldish, open p. m. clear n. E. Nly.  
 V. 12. Open m. Rain and Sun shine 11 m. showing by fits 1 p. NE.  
 VI. Open & cold. NE.  
 72. m 17.  
 XXIII. Rain a. m. cease 2 p. H. wd. cloudy at n.  
 XXIV. 6 m. various wd ante l. wd High, overc. p. m. for a while. wdy, dropy 11 p. S W.  
 XXV. Fair, H. wd ante l. flying cl. o. S W.  
 73. m 2.  
 XII. Clouds a. l. warm, bright m. p. wd overc. Lambs wool cl. & a red circle circ. D. S W.  
 XIII. 7. close m. p. warm, dry, more close at n. S W.  
 XIV. Wet morn m. p. mist, S W. wd. change & cooler. f. frost. NW.  
 74. 2 21.  
 II. Close day. S W.  
 III. 6 m. W. close, dry, fair p. m. f. Frost at n. S. o. at n. S E.  
 IV. Frosty, fair, mist. S E.  
 75. m 11.  
 XXI. Wd, cloudy a. m. Rain p. m. m. p. S W. Too warm.  
 XXII. 9 m. open wdy dry. S.  
 XXIII. L. frost, fair, dry, wind. S W.  
 Dieb. 23 & 24 Ship, 9 cast away at Mount Bog.  
 76. 2 29.  
 IX. Frosty, Thames near frozen; snow ab ho. 1. ad noct. med. N.  
 X. 4 m. snowing no<sup>st</sup>, tot. deep half a yard. wind, fair W.  
 XI. Frosty. Snow ante l. offer 10 m. dark & close p. m. N.  
 77. m 18.  
 XXVII. Wd and wetting a. m. H. wd resp. S W. damp walls and pavements, wd & wetting, tempestuous 11 p. S.  
 XXVIII. 11 H. wd no<sup>st</sup>, tot. cloudy. H. wd & wetting 4 p. Higher at n. little rain SE. W.  
 XXIX. Great fr. fog m. & die tot. circ. horizon. Cold, bright, freezing & calm. Two Mer- curs though D shine. W. S.

## Plenilunia Eighty Seven.

Days 1261. Moiety 130.

§ 5. Number of the Aspects you see Eighty Seven. First, according to our Method let us gather the Quota for that. Verily of 87 Full Moons there appear in this Table Seventy Five Dridders. Now between 87. and 75. pray count the difference, and the next thing you have to do is to deny the Inclination. Alas! Our very days, even the Dripping Days reach to the Moiety, being in number 172. which is 40 days over and above.



§ 6. We reckon but 64 Aspects for *Wind*, and 122 Days, which if it seems not so round, for the *Full Moon* brings *Wind* as soon as any Aspect *Lunar*, at least under publique Notice, impute it to us who have fairly pleaded that we could not always dwell on the *Watch-Tower*, or note the Gusts and Gales in the Night, seeing whatever they make, like *Rifts* or *Furrows* on the *Water*, they leave no durable Impression, but heal up without any breach. Only where *Wind* is not expressed, it may sufficiently be understood either by the Change and Variety of the *Winds*, which yet we have not considered in our *Muster*, or by the flying of the *Clouds*, which we thought fit to admit. Add the moist Days, most of them have their Gale, seeing every *Showre* faith the *Seaman*, hath its *Winds*, and *Calm Rains* are seldom, though *Mists* and *Fogs* are often attended with such *Still Musique*.

§ 7. Nor still are we to forget our *Dis-juncture*, either one or the other, *Rain* or *Winds*: Consulting the Table I find about 28 *Winds* without *Rain*; add them to 172. the number of our *Rain*, the Sum is 200. which comes within prospect of 261. the Number of every Day in the Table.

§ 8. And let no Man say, *What day is there without Wind?* For suppose there were no Day without, neither is there any Day, almost, without some Aspect; there is not a *Whiff* but hath its *Aolus*, some Aspect, or as good a thing, so hath Heaven provided for the *Air*, without which it would stagnate and be unwholsom, yea, Pestilential, as the *Air* of close *Pritons* and *Dungeons* without *Perpiration*. We may thank God therefore for every *Flaver* of *Wind*. But then neither hath every Day its Gale, that we may be engaged to enquire the cause of the Difference, why some are brisk, and others dead Calms, though the *Vulgar* cannot be concern'd in such enquiry.

§ 9. Not but that we have a Sence of High Lofly, more than Brisk *Winds*, in number of days 86. in number of Aspects 55. The former Number exceeds the latter, because many a time every Day of the *Triduum* proves windy. One thing I cannot but observe, and 'tis the Concern of the Table to remember it, that in the year of our Lord 1675. *December* 23. That very day was one of the two, when from *Mount-Bay* we heard that no less than IX. Ships cast away, and yet the Table notes only a *Dry Wind* without any *Fury*.

§ 10. Here again I beg the Reader to observe the Vicinity of the Event to the precise time of the Aspect, or the Complement rather of the Aspect, as *January* XV. ho. 1. M. Anno 1671. Four Hours before One, you see it rains. *June* 11. 9. M. Four Hours after. Both within Compaſs. *August* X. 8 m. Three Hours after. *September* VIII. 6. P. Three Hours before. *October* VIII. 4. M. Stormy Wind and Rain but an Hour before. *November* VI. 2 P. Rain, 1 Hour after. Try another Year. Anno 1672. *January* IV. 11 m. Four Hours after drisly Rain. *February* XI. 12. P. Snow from ☉ set, all the Night. *May* I. ho. 9 M. Dash at 8 M. *June* XXX. 3 m. close and drisly, *August* XXVIII. 6 m. drisly 9 m. *Sept.* XXVIII. 7 P. Showres 5 P. *Octob.* XXVI. 6 m. Rain ante ☉ is ortum, ad 5 m. *Novemb.* XXV. 5 p. Drisly 4 P. *Decemb.* XXIV. 6 m. ante lucem. The Table is before the Reader, if he please to go on, he will find the same effect.

§ 11. Now for warmth, that the Full ☾ hath a kindnes for that, *Aristotle* hath long ago principled us, Ἐν πανσέλιον αἰετίνον ἐστὶν εἶναι τὰς Νύκτας, the Plenilunar nights most warm. In Greece no question more sensible than in our Northern Situation. But to run to experience, I find in *Hackluit* in a discourse of the North-West passage. Edit. 1. pag. 601. The Flux of the Sea determined to the Rarefaction of the Water by Lunar Heat. And elsewhere he tells us in a voyage to Guinea from Men of good Credit, that they perceived issuing from the very beams of the ☾ a sensible Heat. *Garnishes Voyage*, pag. 95. in the year 1584.

§ 12. And without going to these hotter Climes, I my self have appealed to experience, if any shall have patience to expect, near his Chamber Window, if situate toward the South, while the ☽ makes her *Transit*, or if in an *Æstival* Night, with the help of an ordinary *Perspective*, we nicely mark the affection of our Eye, upon the Full ☽'s first Emerſion or Riſe; the Eye, I ſay, that *living Thermometer*, of more quick perception than the Inanimate, ſhall perceive a fair gentle warm Impreſſion from its Beams.

§ 13. So little doth that Objection move us, which pleads the contrary, becauſe, forſooth, this Warmth is not perceived by the *Dead Thermometer*. It will be ſaid, we know, that this *ſeeming warmth* is perceived by Fancy, and not by any real ſenſation *ab extra*. To which I ſhall briefly ſay but this, that if our *Intention* in that Experiment had been to explore the *Lunar Warmth* at ſuch times; Fancy, poſſible, might have *impoſed* upon us, being corrupted by the Will ſo far, as to ſay what *ſhe* would have. But when our attempt was made only to diſcern the quantity of the *Discus* or Figure of the ☽ in her *Perigee*, at the *inſtant* of her Riſe, and unawares beyond Expectation, a perception of Warmth was found, the *Impreſſion* was therefore *not Imaginary*.

§ 14. Here if the Queſtion be ſtarted, *whether of the two is the warmer Aſpect, the Change or the full*? That we do not perplex the State of the Queſtion, it only requires thus much, whether the Air be warmer at the Change, than at the Full? And the anſwer is, that the New ☽ hath the preheminency. For the *Day* (ſpeaking of the *Artificial Day*) is warmer at the *Change* than at the *Full*, Generally: But the *Night*, again, is warmer at the *Full*, than at the *Change*.

§ 15. Now let us ſee whether this agrees with our Tables? It doth. For Lo we find *more* warm days in the Day of the New ☽, than at the Full: 38. in the *Fiſt*, but 32. in the *Later*. Yet, leaſt the ſmall difference may not move us, let us ſum the days of exceſs, and then under the Full finding about 11. or 12. Under the New ☽ we find 28. The Reaſon is not ſo much on the ☽'s part be ſure, as is evident, becauſe of the *Averſion* of its Beams from us, while the *Full* glares us in the Face, but becauſe the ☽ in her *Change* acts in *conſort* with the Reſt, which are *Day-Birds* for the moſt part, and are found more *frequent* and numerous in the *Diurnal* Horizon, than in the *Nocturnal*.

§ 16. So for the *Nights* the Table accords, for ſurveying the Sum of *Cold* Nights in the New ☽; I find amounts to 55. but viewing the Nights at the Full, I find but 48. which difference if it ſeem not wide enough, it may be made wider, by conſidering that even the Froſts of the Full, are leſs abſolute, than thoſe of the New, with abatement and limitation of *ſome* Froſt, which occurs more frequently in the Full. To ſay nothing of the *Snow*, which appearing alſo *moſt frequently* at the Full, argues ſome *Lenity* in the Beams. Take one obſervation more, the Cold Nights at the *Change* run higher in the Year than the Cold Nights at the *Full*. For *Anno 1676.* at the New ☽ in April I find a Froſty Night, cruſting the Water with *Ice*: But it will be hard I beleive; to find *Ice* in an *April Night* at a Full ☽. The like I may ſay of *Froſty Mornings* in the Month of *May*, I find *One* in the New, but *None* in the Full.

§ 17. 'Tis ſtrange you'll ſay, that the *Inter-Lunium* ſhould bring more Warm Days than the Full, becauſe every body ſees that it is the Dark Side of the Half-Lunary which is turned toward our Earth; all *Shade* is cool, now the ☽ by her Shady ſide *Skreens* the Light and Heat from us, and reverberates it upward. To this we ſay, 'tis true, that the ☽ turns her *Illuſtrious* Side from us, and therefore muſt be Cool. But how? Not abſolute: There is a conſiderable Warmth ſies round on all ſides, like Sparkles from

an Anvil, and the repercussed Heat is sufficient for all Operations Natural to quicken and encourage them, as in the *Lunar History* appears: Yet we are not driven to say or believe that the ☽ is *pervious*, especially as to sensible Heat; but we can solve all Operations of Nature depending on her, even while under the Inter-Lunium, by this, that the Ray, repercussed or reflected in the *perpendicularum* is redoubled, and so requital is made for the aversion. Observe, 2<sup>ly</sup>. that the ☽ is much nearer to the Sun in the ☾, than at the Diametral Opposition; the Full ☽ is brighter than the New ☽, but she plays at a greater distance from the Sun. In the New ☽ she lies between the Sun and the Earth: In the Full, she lies on the other side of the Earth, twice as far from the Sun; so hath the Wisdom of the Creator moderated the Universe and the parts thereof, that what they want in Length, shall be supplied in Breadth, as I may say. If the Luminous side of the ☽ had look'd toward us, as in the Full, the Heat would have bin too near, Nature would have bin scorched with too great Annoyances instead of Luminaries. Therefore in the New, God hath pleased to reverse the ☽, making her, as a Skreen or Fan to it self. In the Night therefore when he hath removed it at such distance, that it will not burn, we can afford to see the Luminous side towards us, and partake of its moderate Warmth and Influence. But we have answered fully to the *quære*, why *Novilunar Days are more and more often Hot than Plenilunar*, not only because in the Day time, when the ☽ is at Full, she acts in her farthest possible distance in the Hemisphere of the *Antipodes*; but because in the New ☽ she acts in consort with the Rest: She is not only nearer to our *Vertex*, but she acts with and among all the other Planets that are abroad in the *Diurnal Hemisphere*: The Full ☽ being *solitary* for the most part without such Company, which company is not bound to observe her Motion; the Sun is the Prince, whose Motions they mostly attend.

§ 18. What is sometime a Problem in natural Philosophy, *How the Breath of our Mouth seems warm to our Hand, when it lies near the Mouth, and cold when removed at further distance?* Is usually resolved thus: That the Hand lying near the Mouth, receives the Breath warm from the *Larynx* and the Cavitys of the Mouth, but at further distance the Breath is mixed with the cooler Ambient Air, and so refrigerated therewith, which by *Agitation* seems the Cooler. The same solution applyed to our Lunar Aspects is not improper: The Full ☽ is at greater distance from the Sun than the New, and therefore her Rays are more engaged in the Cold Vapours of the *Atmosphere*, and upon that Account must give place to the New ☽ as to the Day; But if we compare them in point of Warmth in the Night, though she be at the same distance from the Sun, yet she is nearer us, and upon that account the Plenilunar Nights may be warmer.

§ 19. Shall we pursue this comparison in other Instances, and see whether it be worth our while, if any observation can be raised, which brings Light or Use with it. The two Tables lye thus

	☾ ☽.	☽ ☽.
Cold Frosty Days or Nights.	56.	65.
Cl-se or Lowring, Pregnant Clouds. }	56.	67.
Fog.	23.	38.
Mist & Hazie.	36.	48.
Hot Days	11.	28.
Hot Nights	5.	5.
Rain, Moisture.	103.	89.
Lasting or Violent.	47.	35.

Rain



	♂ ☉ ♀	♂ ☉ ♀
Rain at N.	52.	30.
Wind at N.	13.	9.
Snow.	14.	8.
Trajectories.	4.	20.
Warm.	32.	38.
Winds.	44.	56.
Storms, Gusts.	68.	43.
Wind Change.	0.	29.
Thunder.	4.	4.
Lightning.	0.	0.
Hail.	9.	4.
Halo.	5.	0.
Iris.	1.	0.
Fila or Gossamere.	1.	0.
Cold Winds.	0.	6.
Dark, gloomy.	0.	15.
Strip'd Clouds.	0.	2.

§ 20. Here pray view the difference between Wind, Rain, Fog : And if I mistake not, we have laid the Foundation to clear up the difference. For Rain (Snow excluded) the new > brings 125. the Full > brings you 150. *Quere*, here, how comes it to pass, if the New >, as we pretend, be warmer, (and Warmth is the cause of Moisture,) that the Full sheweth fairest for Moisture. Shall we answer on the grounds that we have laid, that Warmth is but *One Parent* of Moisture ; there must be *another Parent* for the Birth, *viz.* A competent measure of Cold, which Competence being found in the Full, rather than in the New, the Full > must exceed in moisture. *Quere* the 2d. time, how comes it to pass, if the New >, as we pretend be warmer, and Warmth is the Cause of Wind, that the Full > blustereth more than the New ? Answer as above, The Wind hath *two Parents*, *Active* and *Passive* ; A competent degree of Cold the *passive* Parent, the Full > before its warmth being furnished with that Competency, is *Cruder* and *Windier* than the New.

§ 21. And this is confirmed stiffly from the excesses of *Violent* Rains, Storms, Winds, which abound under the Full, rather than the New, because where the *Contraries* chuse to meet, there will appear the greater Hurry.

§ 22. Once more then, how comes it to pass that the New > produceth Fog more frequent than the Full ? Say that the very *Nature* of a Fog proclaims the absence of the contrary, I mean the Cold. There is both *Warmth* and *Cold* in the Constitution, but they are in *remiss* degrees, they make a kind of *Tepor*, when qualities, though contrary, live in quiet possession ; upon this account Fogs are seen for the most part of a *warmish*, sluggish, calm consistency. 'Tis easie without Violence to speak to the several accounts of *Snow* and *Hail*, which happen at the Full, *twice as many* times as at the New ; there is a manifest composition of two repugnant qualities in both these Meteors. As for the *cold part* which is seen in both, the Full, which is the cooler Aspect, is proper for them.

§ 23. I have bin further curious to compare the *Nocturnal* Rains or Gusts which have happened under the *Change* and the Full, respectively, not at the *Rising* and *Setting*, (for that calls for a peculiar remark,) but either *before Day*, or at *Night*, or *Midnight*, yea, or the whole *Night*, and on which side, do you think, will lye the advantage ? The *Nocturnal Luminary* is up  
to

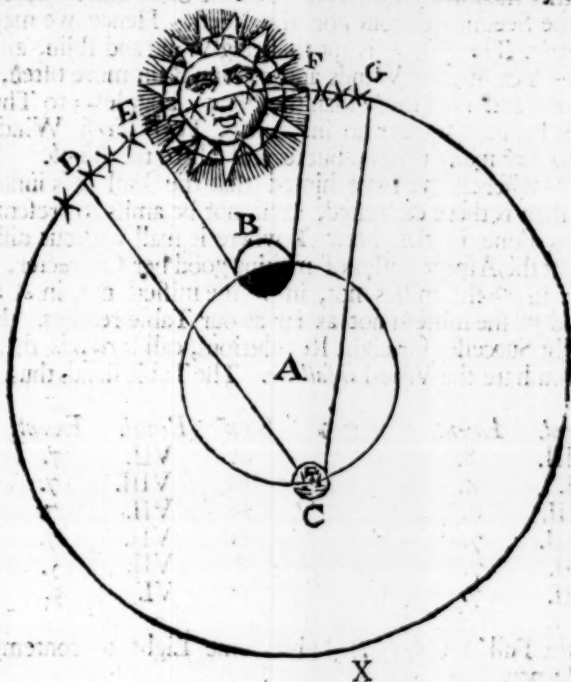


to justifie it, nor will she deny her self, though behind the Curtain, to have bin then, and there, at the time and place. We find it Rain'd or Raged in the Night 52 times, while the New ☾ affords us but 30. which is some notable difference, though again for Raining, blustering the whole Night, the New ☾ is not so far out of reach, but she can bring up her Tale equal with the Full. It may be there is some necessity that the Moon, or some other Planet should be in the *Nocturnal Hemisphere*, when it blows or Rains late at Night, or very early. If none of the three *Superiours* be there, the ☾ alone will suffice, whereby you see the Nature of the opposite Aspect in genere, for to tell you before hand, the Planets must be *strongly posited* when ever it Rains by Day or Night, without an *Opposition* at large, 'Tis extraordinary.

§ 24. But we must by no means dissemble that there is another reason why the Full ☾ is a *more violent Aspect* than the New, which may arise from hence, that she comprehendeth by her radiation, (*reflex*; though it be) a *greater Arch* of the Sphere Celestial, than the New ☾ can; and so by consequence is apt to affect more Celestial Bodies, being and Situate in that greater Portion. As the Eye doth not comprehensively Ken a Mountain (suppose) when it is near it, but must remove it self to a distance, for the view of so great an Object: The Pyramid of Illumination, whose basis lies upon the body that terminates the Ray, enlarges her basis so much the more as the Illuminator is remote. Now, if the influence be in some part, as most certain it is, commensurate to the Illumination. This, we conceive, may be the reason of its Effect enquired into, provided we at no hand exclude the other.

§ 25. For when Astronomy tells us to excellent purpose, that the ☾ is in her *Apogee* of the Eccentric or utmost distance from the Earth, both in ☿ and ♀, it sweetly closes with what we have hitherto pretended to help toward the Warmth of the New ☾, being so much *neaver* to the Sun, as she is more distant from the Earth; as on the contrary for the cooler Beam of the Full ☾, being so far the more *remote*.

§ 26. What we have said may be made somewhat clear by this *Diagram*



Let

Let the point A. be the *Globe* of the Earth. B. the New ☾ in ☿ with the Sun. C. the Full ☾ in ♀ to the Sun. D, E, F, G. an Arch of the *Planetary* Heaven, (as if the Planets moved all in one Circle, for 'tis all a case.) 'Tis manifest that the Triangle D, C, G. comprehends the greater *Arch* of Heaven, and E, B, F. the *Less*. This is the New ☾ Pyramid; the other is the Full ☾'s.

§ 27. Have we never another Observation before we part? New and Full *incline* to Rain. That will be confessed, now 'tis proved, yea, but What will you say if we produce a Full ☾ that is a sure Card that always raineth, That is the Full ☾ in *April*, when for 7 years together it fails not; so it may be called upon *Courtesie*, infallible. Yea, the Full ☾ in *August* doth the like. 7 times it rains in 7 years, and more than 7. (or 14 either) if you reckon days as hitherto we have done, and that no otherwise than we should. If the Reader will observe more such Full ☾s, he will lose nothing by it. Verily the New ☾s also in the Month of *Aug.* bear up equal with the Full ☾s. But the cause of this difference, Oh! When shall we come to that Text?

§ 28. It remains now that we speak to the *Winds*, and then raise the definition of the Aspect. In the Full ☾ we find from the

<i>East</i> , 53.	<i>West</i> , 44.	<i>North</i> , 35.	<i>South</i> , 38.
<i>N. East</i> , 29.	<i>N. West</i> , 26.	<i>S. East</i> , 15.	<i>S. West</i> , 80.

Reducing these to their *Cardinals*, thus,—

<i>East</i> , 53.	} {	<i>West</i> , 44.	} {	<i>North</i> , 35.	} {	<i>South</i> , 38.
<i>N. E.</i> 29.		<i>N. W.</i> 26.		<i>N. E.</i> 29.		<i>S. E.</i> 15.
<i>S. E.</i> 15.		<i>S. W.</i> 80.		<i>N. W.</i> 26.		<i>S. W.</i> 80.
97.		150.		88.		133.

§ 29. So that the *inclination* lies more to the *South* and *West*, as the New did, with some Seeming Favour for the *West*. Hence we may raise our Character: *viz.* The Full ☾ is apt to bring Wind and Rain, almost as oft as the New. Yea, stormy Winds and dashing Rain more often, pretty apt to favour Snow and Hail more than the New; Fog, less; to Thunder less: though here it happens to bear no inequality, To *Westerly* Winds first, or Southerly; to *East* many times; but least of all to the *North*.

§ 30. Now whereas we have hinted that the Full ☾'s influence takes place oftner than is there expressed, 'twill not be amiss to present the intire Table as was done in the New ☾ where it shall without dissimulation, appear how oft the Aspect missees of making good her Character, how often she succeeds: In ♌ she missees not, in ♋ she misseeth not, in ♊ she misseeth not, in ♏ and ♍ she misseeth not as far as our Table reaches. In ♍ and ♋ she brings eight Successes for eight Revolutions, call it *certain* then or highly probable if you hate the Word *Infallible*. The Table stands thus.

Sign	Revol.	Event.	☿ ☽ ☾	Sign	Revol.	Event.
♊	VIII.	8.	☿ ☽ ☾	♏	VII.	7.
♋	VI.	4.		♐	VIII.	7.
♌	VIII.	8.		♑	VII.	7.
♍	VIII.	7.		♒	VII.	7.
♎	VII.	7.		♓	VII.	5.
♏	VII.	7.		♈	VI.	5.

So doth the Full ☾ (☿ ☽ ☾) give some Light to contemplations of Celestial Influence.

CHAP.

## ☽ ☉ CHAP. XIV. ☽ ☉

The Lunar Warmth further deduced, as to the Change and Full, in the Dissolutions of Frosts: A competent Catalogue of Frosts so dissolved; the vulgar notion justified, yet it is not perpetual, sometimes other Causes step in, specially ☽ ☽. If the Full ☽ dissolves more Frosts than the New, 'tis agreeable to our principles. Why the Frosts are not dissolved precisely on the day of the Aspect, but 2 or 3 days before or after.

§ 1. WE are indebted farther to shew the Lunar warmth in these two Aspects of Change and Full, by the periodical resolution of tedious Frosts, which sometimes lock up the Elements, with our Blood and Spirits in Icy Chains, till a comfortable Relent of milder air sends out a warrant for their release.

§ 2. This gentler Spirit blows as at the ☽, so at the ☽ Let the vulgar notion and public monuments attest it; of this sort is, to run back no further, the Frost VII<sup>o</sup> Elizabethæ An. 1564. It began, saith Stow, Dec. 21. and lasted till our City-River was frozen, so that New Years Festival was celebrated in warming Sports and Exercises on the River, the new Thames Street: now as Stow tells us, it thaw'd Jan. 3. An. 1564. the day after the Change.

§ 3. The 2d. of that noted year 1572. famous for the Star in Cassiopeia, a Tedious Frost from Alhallontide to Twelfside. This Frost is remembered for congealing rains, as they fell till the arms of Trees overcharged with Ice, brake from the Trunk; after Twelfside it took its leave, in good time, for reckoning the hour of the ☽ being Ho. 10. noct. Jan. 3. the dissolution falls within less than three days after the Change; A cold Spring follow'd it, but that belongs to another consideration.

§ 4. A 3d. An. 1579. short, but by the fall of Snow perilous to Wayfarers and poor Cattel, still mentioned by some of our yearly remembrancers; it began Feb. 4. and held till Feb. 10. the day preceding the ☽.

§ 5. A 4th. An. 1598. from Jan. 1. to 10. the Thames almost frozen, the Frost remitted Jan. XI. two days preceding the Change. Further in Decemb. of the same year the Thames almost froze again, which, the Week before Christmas was dissolv'd. Now Seven days before Christmas happened the day of the Change. Again, after that remission Dec. XXVII. it freezeth a 3d. time, when lo! On New years day it relented the very day of the Full.

§ 6. Another An. 1615. Jacobi I. 13. held a months space from Jan. XVII. to Feb. XIV. yea with little remission till March VII. That 7th of March is the day following the Full.

§ 7. An. 1621. a Frost from Nov. 24. ad Dec. 7. when after a milder season it returned again.

§ 8. An. 1627. \* Jan. XX. for three weeks, till Feb. XII. Divers Booths, not for sale of Drink only, but other Merchandize upon the place. But All remove on Feb. 12. within three days of the Full ☽.

In Germany in the beginning of the year we find *Frigus intensissimum*, *Frigus soniticum*, *immane*. *Danubius Concretus*: but behold a gentle Aspect of a full ☽ brings a Relent. Jan. 27. St. Vet.

\* Note that in the Frost An. 1622. the Relent was in Germany not so long, for with them the Danube was frozen by Jan. 8. 18. but the remission came at the approach of the New ☽ Jan. 31. St. N. Febr. 10. Such difference there is in nice cases between Regions! By Nicer cases I intend Frosts not universal.

§ 8. An.



§ 9. *An. 1623.* The *Danow* frozen the 3d. time, the Frost began *Dec. XIV.* ceased *Jan. 11.* 1624. within three days before the Full.

§ 10. *An. 1626. Nov. XXI.* *Danow* floated with Ice, it terminates *Dec. 4.* the day next after the Full. Thus *Keplers Diary* affords us plenty of instances in a few years; for more may be observed from those *Diaries*, who yet, good Man, in his account of the natural cause, as is noted before, gives not half the due to the Aspect.

§ 11. *An. 1635.* A great and fore Frost within memory, the same which is celebrated by Poets of the time, began as I remember, about the midst of *Dec.* ceased as a Manuscript tells me *Feb. 11.* three days after the New ☾.

§ 12. *An. 1645.* Frost from *Dec. 8.* complained of by the Parliament-Forces, (so called) as an impeder of their winter-marches, the ☽ perigee might help to hasten it away, *Jan. 17.* for, die 18. as the Story says, the Frost was newly gone, and that comes within compass of three days before the Full.

§ 13. *An. 1659 Decimo Caroli II.* at the end of the year, a Frost begun *Dec. XXIX.* and although it remitted a little *Jan. XI.* in 60. and again on *Jan. XIII.* yet it receded not till day XVIII. the day after the Full.

§ 14. *An. 1662. Nov. XV.* Frost brought Ice on the River day XXIX. but *Dec. 1.* the day after the New ☽ it thaw'd; It returns again, and keeps its own, till day XII. which precedes the Full not above two days. And the third time *Decemb. XXIV.* in four Nights the *Thames* floated with Ice, it took its leave on *New-years-day*, the day after the Change.

§ 15. *An. 1663. Jan. XXVIII.* the day preceeding the new ☽, a Frost, began (we confess, and could have own'd the like before) but if it begins at the new ☽, it ends at the full, with some little warning, the day preceeding.

§ 16. The Winter of that fatal year 1665. is not yet quite forgot, the *Thames* was sick of dead pallsie for three weeks, it seized her first *Dec. XXVIII.* *An. praeced.* now, what the Comet of that year could not do, the Plenilunar ☽ performed, for, III. days before, the Frost vanished. It froze again *Jan. XXIX.* by the fourth of the next month Ice appeared on the *Thames* *Feb. 7.* All dissolveth two days after the Change.

§ 17. *An. 1667.* A strange Frost from *Feb. XV.* (at which time we comfort our selves against the Menaces of Cold by the Topick of the Suns altitude, which will not, say we, suffer such Hyemal Enchroachments at that time of year) when mal-gre what the Sun could do, though in the Vernal Equinox, there was much Ice in the River. *Mart. IX.* I will not ask the Anti-Astrologer an account of this accident, only acquaint the Reader, that *March XIV.* was new ☽, and the XV. day the bold Face of the Winter changed.

§ 18. *An. 1669. Dec. VII.* A Frost of XX. days, the bitter Christmas day and the Holy-Day attending were universally noted, as intolerable as those two days where, the 27 was sensibly milder ☽ ☽, and three days after the wind turning to the South, it wore away by Inches.

§ 19. The same winter in the year following, viz. *An. 1670. Jan. XXV.* Frost began with the Full ☽, we see when it begun, note also when it dissolved *Feb. XI.* the Second day after the Change.

§ 20. *An. 1674. Jan. XXIV.* Frost began, the Full ☽, on *Feb. I.* Had a good mind to the dissolution, the wind turned, so the dissolution succeeded *Feb. II.*

§ 21. *An. 1672. Feb. XXIV.* as late as it is in the Winter; This Frost, like that in 67. held us uncivilly till *March XII.* on whose morn ☽ ☽ made its mittimus.

§ 22. *An. 1677.* from *Nov. 19.* Frost of XI. days brought Ice on the River, die 29. It vanisht, two days after, which fell within a day of the Full.

§ 23. *An. 1678. Dec. IX.* ad 18. Nine days it held, and the last day was exactly the day of the ☽ ☽.

come

§ 24. The *last* (and in the name of those that were come to mans estate I could almost wish it were the *last*; I never met with *any* that could wish they might endure *the like* again) is, That which began presently after the *Solstice*, Dec. XIV. An. 1683. and lasted unmercifully all the Christmas twelve days with some *Semblance* of *relent* (according as it was predicted, even the *flattering Semblance* that I speak of) about Jan. XI. 4 days after the *Change* but returned again, and claimed another Lunar Month, even till Feb. the 4th. in the Evening of the day of the *Change*. A Frost so terrible all over Europe, that it was matter of debate at home and abroad to find a parallel, the River being froze even below the City-Bridge as well as above, (a circumstance I find not mentioned in any of our precedent Congelations;) but we shall have occasion to speak of this elsewhere; you see when it found its period, and the World was glad of it.

§ 25. Yea but who takes the pains to note the *Failers*? I answer 'tis our Interest to note them, first That of An. 1600. from Jan. 20. which in one se'night had near froze the River. *Stow's* Abridgement.

§ 26. 2ly. That of the 5th. of King James I. An. 1607. destroying *Herbage*, *Fish*, *Waterfowl*, of which, *France*, *Ireland*, yea and the new-planted-*English*, complain in Capt. *Smith's* voyages, parallel in some Mens opinions to that of 1684. but at no hand to be yielded, because of its frequent interruptions, viz. from Dec. 8. ad 15. then from 22. to 31. again; from Jan. 3. 1608. to 15. and from 24. to 30.

§ 27. 3ly. That of 1615. for though we have seen above, the 7th of March of that year to agree to observation; yet we must give an account of that part which began before Jan. 17. and held till Feb. 14. where no such observable is pretended.

§ 24. Like as An. 1621. from Nov. XXIV. ad Dec. VII. which bears the exception.

§ 29. 4thly. That memorable Sore and tedious Frost An. 1676. from Nov. 16. to Dec. 23. yea 10 days further; not inferiour to many for duration and severity, specially taking in the renew'd Assault d Jan. 21. ad. d. 30 An. 1677.

§ 30. Lastly that severe one for 2 Months space (with a few days interruption) a Dec. 26. viz. An. 1678. ad Feb. 9. An. 1679.

§ 31. It is our Interest, we say, to note these, not only because we gain a little Catalogue of Frosts; but also a confirmation of the rule by a paucity of exceptions; yet who knows not but the other Aspects of the ♀ either with ☉, or with others may deserve our glance on them, (though not considerable enough to found an Axiome) as in our Aspect with ♂ for example; for whereas we find some of our Frosts not terminated at the ♂ or ♀ Lunar, but keep aloof at three days distance; if that proportion seem too wide, we find the ♂ Mars with ♀ ready to patronize the Birth: Verily there must be something in it, when An. 1653. above introduced, we find the ♂ ♂ ♀ on the very day there noted for the departure of the Frosts. I do not pretend that so it was An. 1623. 1669. but I say that An. 1607-15-20. three of our excepted years we find a supply of the ♂ or ♀ ♂ with ♀ in the very day, or within a day of the Frosts dissolution. So on Jan. XXXI. An. 1602. Feb. XI. XIV. An. 1615. 1620. nay Once or twice, (as if this Planet were Rival to the ☉) the Frost begins with a ♂, and ends with an ♀, & contra, viz. a Jan. III. ad XV. An. 1607. & a Nov. XXIV. ad Dec. VII. An. 1620. yey from a very piece and quarter of a revolution also, as from a Square to a ♂. So Jan. XXIV. usque ad XXX. An. 1607. just as we observed some shorter Frosts, among the Soli-Lunar Aspects; The like will hardly be shewn with any other Planet, though 'tis true again, that ♂ hath no finger in the dissolution of the last: reckoning the absolute dissolution on Jan 3. An. 1677. for if we speak of ten days before, when a kind offer was made, the new ♀ claims its right,

within whose bounds the drooping world hath hopes of a release in such cases.

§ 32. Now if any one finding upon the survey of this *Table*, that the *Full* Moon dissolves a Frost *more* frequently than the *New*, should strive to make an Inference contrary to the foregoing termination, I believe it will be hard to accomplish, because it will be found, perhaps upon this or a longer survey, that the Frosts which are dissolved at the *Plenilunar* Aspect, *ceteris paribus*, were found of a *brisker* Solution in the night than in the day, and the *Novilunar* Solutions, *slower*.

§ 33. But if they persist to enquire, why sometimes, we meet not with the dissolution *precisely* at the Aspect, but more commonly *about* it, at 2, nay 3 days distance; 'tis truly answered, that when such effects are *not unjustly* ascribed to the Aspect, as the *more* worthy, there appear *others* under its wing, to co-operate with the more noted configuration; as we have said before, that ♀ or ♂ with the ☽ help to the Credit of the *change* or *full*: in the very Spring Tide, for confirmation of which, be pleased to know for a certain, that that prediction of flattering Semblance before spoken, in that wearisome Frost *An.* 1684. was determined not to the *day* of the Aspect only, but to the 3d. or 4th. day after, the *Artist* observing the *Rule* now proposed.

#### CHAP. XIV.



1. *Quadrate* or *Square* proceedeth on a right Angle. 2. *Musica* illustration of the Aspect is but a fancy. 3. □ equal to ♂ or ♀ 5. Influence of the ♂ or ♀ being granted, □ puts in his claim. 6. The *Triduum* is convenient, though it seems to entrefair. 9. The *Quadrat's* right Angle admits some Latitude. 11. *Diary*. 12. The two *Quadrates* compared. 14. They come near the full ☽. 16. Of equal influence as to the hour. 17. As to smart Rains. 18. In some Months or Signs of infallible success. 20. ☉ and ☽ in Square make a fine Figure. 22. Second Square considered. 23. Second Square more stormy than the first. 24. The *Synoptical Table* of the influences of both. 25. How the second Square is warmer, and yet more stormy. 27. Why warmer. 28. Warmth perceptible in consort, though not by it self. 30. Western Angle, warmer corner than the East. 31. More Rain in the *Postnoon*, than in the *Antenoon*. 32. The *Quadrates* have influence before and after Sun. 35. *Offhustus* doubts of the influence, except in the *Meridian* and *Horizon*. 36. The radiation is perpendicular though not vertical. 37. Influence perpetual. 38. The *Quadrate* of the ☽ critical in corporal Distempers, noted from experience of six or seven years. 41. The Seventh a critical day, and its foundation. 46. ☽ in Square with the ☉ more powerful by its nearer distance to the Earth. 47. Prospect of the *Quadrates* failing or infallible

§ I **I**N the next place the *Quadrate* calls for our consideration, made much of by the *Astrologers*, next to ♂ and ♀. *Conjunction*, *Opposition*, and *Quadrate* go for Tant-amount in the *Meteorological* part: We do not deny the *Rule* to have its truth, and the virtue of the Aspect we have founded *Architect-like*, on a *Right Angle*, formed by the Rays of the two *Luminaries*



minaries so related. 'Twas a pretty *Pythagoric* fancy to compare the Aspects of the Celestial Bodys to the *divisions* of the *Musical Chord*. So a Square to be a *Diateffaron*, as the  $\delta$  is an *Unison*, and the  $\phi$  a *Diapason*. But this made way for such a crowd of *incroching Aspects*, (see *Kepler Sect. de novis Aspect. in Ephemerid. Anno 1617.*) that every Pretender would yearly strive to put in a new One; till *Kepler* ingeniously confessed, that *Tempestates observando vidi tandem deferendam esse Musicam*: and we always suspected it for a forced *Hypothesis*, which Mathematicians sometimes may be guilty of.

§ 2. This Quadrate or *Quartile* in its *Dichotomy*, as the Greeks call it, is preceptible to sense as the *Full*  $\gamma$  is. That, by the Plenary, *This* by the Half-Face illuminated, vulgarly the *Half*  $\gamma$ ; and this Aspect returns twice in the Month: First in the *increase* or tendency to the *Plenilunium*; the Second in the *decrease*, tending to the *Interlunium*; as the half-way-Houte upon the Rode Backward and Forward.

§ 3. Now since the  $\delta$  and  $\phi$  and their Influence is undeniable, confessed and granted us even by the *Scruples*, who have no great kindness for the *Ptolemaick Astrology*, it remains that the Quadrate also may produce its *Credentials*, Her Letters Patentsigned by *Experience*, the Mistress of Faculties, whose Name and Seal will not be questioned within the Territories of Sound Philosophy.

§ 4. Therefore for a double Aspect we present more than a single Table, that we might evince to the World, that we are of a *guiltless* profession, not afraid of any Witnesses in Court against us, so that the Jury be honestly empanel'd. The Diary is the verdict of the Countrey. For brevities sake I could have contented my self with the account of One only, but that the Reader, I hope, may hereafter find some reason for the contrary.

§ 5. It may be said, that we have already produced our Tables for  $\delta$  and  $\phi$  in vain; for what need we trouble our selves with the proof of any conclusion which is granted? to which we answer, we fear they are granted us out of *Charity*, not as of *Debt*; or for our importunity, as an Alms is thrown to a clamorous Beggar to stop the Mans Mouth, who *deserves* not the pittance, although *more* he expects. Not granted, I say, as our due by Virtue of our Evidence, because our Evidence may be excepted against, as not Full and Home, by the Fastidious Dissenter; we claim therefore, that the Reader *Serenely* and Calmly will be pleased upon due consideration to *accept*, or favour our Evidence; without which, for all as we know, (since there is no other imaginable Proof,) he may recall his grant, and plead Non-Conviction, even about the Influence of the Change and Full. On the contrary, if he allows our proceedings, and gives sentence for the  $\delta$  and  $\phi$  upon the strength of what hath bin alledged, we hope the same Right will prevail for this third Aspect. Since the evidence being produced to publique view, if it be alike for one as for the other, All, or None must be admitted.

§ 6. To the ensuing Tables we have allowed the same Number of Days as in the precedent Aspects, *viz.* three Days to each: It must be confessed in so doing we may seem to *interfere* with the Neighbour Aspects on one hand, or the other, which appears to be some inconvenience; to which we say, First, we found it necessary for the *comparing* of the Aspects *among themselves*, which is intended at the close of this Lunar-Treatise, that they should be allowed all of them an equal Number. I thought it fit once, I confess (to avoid this *Coincidence*) to produce but one or two days at most, omitting sometimes the First, otherwhiles the Third, according as those Days were found to be of a wider distance from the Hour of the Aspect: Nay sometimes I omitted both the extreame Days, namely, when the Aspect happened about Mid-day, reckoning 24 Hours to be a Competent Measure of its duration or Influence. But I found at last one 24 Hours could not possibly

sibly involve the total of the Influence, and another day being added; obliged me to add the third also, upon the account that 'tis better to allow with the most than with the least.

§ 7. This I take to be certain, that the *Influence* of the Quartile *lasts* twice 24 Hours; And if so, that space of time, unless the Aspect happens precisely at Midnight, is found to exist more or less, under the Denomination of 3 days. So that (with the Readers patience) if the Aspect happen on *Friday* Noon, we reckon the compleat boundary of that Aspect to begin on *Monday* Noon, and end at Mid-day on *Wednesday*.

§ 8. This being allow'd, 'twas convenient to produce 3 almost entire days, in regard that First, though the Day may, yet the Constitution, when Uniform, cannot be divided: Next, that the different quality of the present Aspect may be stated; notwithstanding sometimes we reckon one and the same Constitution to the two Competitors, *viz.* the Sextile or the Trine; the *Dignity* of the Aspect, I say, will be found, notwithstanding that common Accession, by its proper Instances, their Number, and Moment. So have I seen the *same* Weight successively thrown into *both Scales* to evidence the difference of the Body which preponderates. Howbeit, when an Instance falls out, let it be reckoned by all means to that Aspect to which it is nearest situate.

§ 9. But how a *Right Angle* should admit such a *Latitude* as we pretend, may be another Scruple, but we know there may be some Latitude in a *Natural Angle*, where there is none allowed in pure *Mathematiques*. A *Right Angle* made by Luminous Bodies may have a virtual reach to half a Sign: *Fifteen degrees* breaks no Squares, at least are not discerned to make such sensible variation in a croud of other Causes, which pretend to co-operate to the *same Effect*. Besides there may be something considerable from the Vicinity of the Moon, for in other Syzygies except the Lunar, I cannot say the *Quadrante* reaches so far. A *Quadrante* of Saturn or Mars with Sol, loses it self in five Degrees perhaps.

§ 10. Furthermore observe, that the two Columns of the approaching Table serve, the first for the former *Quadrante*, the 2d. for the later, which differ a matter of 14 or 15 days one from the other.



## The Quartile Table.



## January.

1671. ♀ ♀ 28.  
VI. Frost, ice, wet much p. m. S.  
VII. 11 p. rain *ante luc.* fair, windy. NW.  
VIII. H. wd *ante luc.* & wet: windy & flying cloudyness. SW.  
72. ☾ 17.  
XXVI. Fr. fair, cold, wdy; flying white cl. clear n. & audible wd. NE.  
XXVII. 6 m. H. Frost, bright, overc. 4 p. NE.  
XXVIII. H. fr. bright, audible wd. NE.  
Frosty. NE.  
73. ☾ 6.  
XIV. Frost, white cl. as for snow o. close m. p. N.E.E.N.  
XV. 10 p. Frost, snow, hail o. m. & very dark, yield p. m. E, NE.

## January.

1671. ☾ m 13.  
XXII. Tempest of wd *ante l.* close, gusts. H. wind at n. f. misle. S W.  
XXIII. 3 m. H. wd *ante l.* Fair summers d. NW.  
XXIV. Frost, open. SW.  
72. ☾ m 2.  
X. Frost, foggy *die tot.* taken up 8 p. S.  
XI. 10 p. Fair, f. mist, showr 7 m. pleasant d. E.  
Meteors 3. near *Cassiope & Urs. Min.*  
XII. Fog, frost a. m. S. thaw even.  
73. ☾ m 20.  
XXVIII. Fr. thaw and closing p. m. Bees work. Ely.  
XXIX. 4 p. close, coldish. NE.  
XXX.

XVI. Close m. p. snow 5 p.  
 74.  $\approx \approx 25$ .  
 IV. Fr. hoary; fair & cold, misty air. S W.  
 V. 7 m. frosty, fair. W. N. S.  
 VI. E. great fr. & much hoar; mist, fair. S.  
 75.  $\approx \approx 14$ .  
 XXIII. Wly fair a. m. 2 p. & apace 2  
 M. C. 9 p. & 11 p. with gusts 2 occ. S W.  
 XXIV. 2 m. S W. very warm, open, black  
 clouding & wd. R. 11 p. S W.  
 XXV. Wly. windy, wetting 8 m. clear S. R.  
 1 p. & 3 p.  
 76.  $\approx \approx 3$ .  
 XI. Frosty m. snow 4 m. frost 9. N W.  
 XII. 9 p. Frost m. thaw apace v. N E. cold n.  
 frosty. S.  
 XIII. Frost. Thaw m. cloudy ante l. close m. p.  
 W.  
 77.  $\approx \approx 21$ .  
 XXIX. Frosty, open. Ely.  
 XXX. 2 p. mistle a. m. rain p. m. max. pt. W.  
 N E.  
 XXXI. Fair, frost. W. NE.

February.

1671.  $\approx \approx 27$   
 V. Frost, hoar ut diei praec. mist, fair, frosty, o-  
 verc. 9 p. Halo 8 p. Wly.  
 VI. 7 m. fr. snow found m. open Nly. fair p  
 m. Halo 9 p. W.  
 VII. Fr. snow 8 m. misting & misting die tor.  
 raw. no wd. S W.  
 72.  $\approx \approx 16$ .  
 XXIV. f. mist, fair, cooler p. m. bright n. Ely.  
 Nly  
 XXV. Ho. o. misty, dry. a. m. cool, close p.  
 m. Rain 9 p. NE.  
 XXVI. close, damp windows; cool. NE.  
 73.  $\approx \approx 6$ .  
 XIII. H. frost, cold, fair.  
 XIV. 9 m. snow 9 m. much snow o. mistle 6 p.  
 fair 11 p. S E.  
 XV. Fine warm m. drifty toward o. & p. m.  
 audible wds. S.  
 74.  $\approx \approx 25$ .  
 II. Close foggy S W. open 2 p. dristle 5 p. E.  
 III. 10 p. Fr. close m. N E. cold misty clouds  
 7 p. Wly, but wd from NE.  
 IV. H. Frost & snow die tor, with wd. N E.  
 Freez, wd at n.  
 75.  $\approx \approx 14$ .  
 XXI. Close, mist, snow 1 m. close m. p. E.  
 XXII. 6. Frosty, mist, fair; clouds in scenes.  
 E.  
 XXIII. Frost, hoar, overc. p. m. Fog, fall 9  
 m. E.  
 76.  $\approx \approx 3$ .  
 X. Close, wdy p. m. rain 6 p. & H. wd. S W.  
 XI. 6 p. Open m. p. f. rain o. 7 p. S W.  
 XII. Close, dristle 1 p. Wly Fog 6 p. N W.

In Febr. nusquam reperitur □ prior.

E. XXX. Dristle m. close, misty, f. wd. clear p. m.  
 N E.  
 74.  $\approx \approx m 9$ .  
 XVII. Rain 2 m. snow die tor. Nly Thaw & R.  
 toward n. S E.  
 XVIII. 11 p. not cold 9 m. overc. 10 m. shower  
 & H. wd 10 p. S W. a. m. S E. p. m.  
 XIX. Rainy 4 m. & day break with H. wd.  
 cold, H. wd & storms of R. a. m. S SE.  
 75.  $\approx \approx 28$ .  
 VII. close, misty. N.  
 VIII. 2 p. Close, misty, cold wd 4 p. E.  
 wind make fingers ake.  
 IX. E. cold, close, foggy wd. very cold at n. E.  
 76.  $\approx \approx m 17$ .  
 XXVI. Rain ante l. & 9 m. close wd. S.  
 XXVII. 6 p. S W. fair, overc. and R. 5 p. SW.  
 XXVIII. Rain ante l. ad 8 m. open. W. SW.  
 77.  $\approx \approx m 7$ .  
 XV. Cloudy, Rain ante l. close, f. rain vesp. &  
 H. wd. S W.  
 XVI. 1 p. mist, frost, fair, dry. W.  
 XVII. W. hard white Fr. & foggy. E. S. N. wd  
 various.

February.

1671.  $\approx \approx 13$ .  
 XX. Shower o. hail 3 p. wetting vesp. wds 11  
 p. Nly a. m. vesp. Sly.  
 XXI. 13 p. Frost very cold, wd often, showers  
 o. & p. m. Light in the west, clear n. Nly.  
 XXII. Fr. close, rain 8 m. close m. p. Nly m.  
 Sly.  
 72.  $\approx \approx 2$ .  
 IX. Vehement Fr. cold wd. close, snowy vesp.  
 ad 11 p. Nly.  
 X. 7 p. Snowing and hard Frost, close, frosty.  
 N E.  
 XI. Bright, frosty. NE.  
 73.  $\approx \approx 20$ .  
 XXVII. Wet 9 m. close, H. wd D occ.  
 XXVIII. 11 m. mist m. open, temperate. SW.  
 close n.  
 I. Mart. H. wd. dashing wet. N W. Nly.  
 74.  $\approx \approx 8$ .  
 XVI. Fog m. open m. p. N. W. bright n. N W.  
 XVII. o. open, windy, floting; cl. clear n.  
 S W.  
 XVIII. Close & cold. N.  
 75.  $\approx \approx m 28$ .  
 V. Fine a. m. over. 1 p. Meteor. 9 p. circa  
 Cephea in N W. H. wd, rain 11 p. S W.  
 VI. W. lowering 10 m. Nly. coldish at n. snow  
 at mid. night.  
 VII. Nly. Open, shower of hail 11 m. o. 1 p.  
 3 p.  
 76.  $\approx \approx 17$ .  
 XXV. Dry, mist, not clear at n. SE.  
 XXVI. 2 m. close m. p. lowering o. Meteor 11  
 p. from S S E.  
 XXVII. W. misty, fair m. p. ♀ seen plain be-  
 low ♀ & more Nly. Meteors 9 p. W.  
 77.  $\approx \approx 6$ .  
 XIII. Frost m. thaw p. m. rain n. n. seq. SW. W.  
 XIV. 10 p. no fr. but Rain ante l. starry n. W.  
 XV. Warm night, open m. p. S



## March.

1671.  $\times \Pi$  27.  
 VI. Close, showr o. NE.  
 VII. 5 p. Fr. wdy, close NE. snow offer'd 4 N E.  
 VIII. Cold, f. mist, wd Ely, bright d.  
 72.  $\vee \S$  15.  
 XXIV. Cloudy, mist m. warm, little wd. close n. NW.  
 XXV. 8 p. Cold, close, wdy. wdy & close 11 E. Nly.  
 XXVI. Close wd Sly. fine showr 4 p. great rain 8 p. Sly.  
 73.  $\vee \S$  5.  
 XIV. Warmish, bright m. white cl. S E. Sly.  
 XV. 3 p. warm, fair, overc. 2 p. open, close 10 p. S. S E.  
 XVI. Windy, wetting, circ. 6 m. R. 11 m. Sly.  
 74.  $\times \Pi$  25.  
 IV. Frosty, close, very cold, L. wd. NE. offer snow 7 p.  
 V. 10 m. Frosty, very cold, open, snow 3 p. NE.  
 VI. Frosty, cold, overc. D rise & p. m. NE.  
 75.  $\vee \S$  13.  
 XXIII. N. Frost, ice, cold, open p. m. Halo 9 p. W.  
 XXIV. 9 m. rainy m. & a. m. close, foul. W.  
 XXV. Wly. close m. p. Mist, warm m. cool o.  
 76.  $\vee \S$  3.  
 XII. Fr. bright d. gusts 2 p. E.  
 XIII. 2 p. Frost, fair dry. E.  
 XIV. Fog,  $\odot$  *rutilus* a. m. fair, dry. E. Nly.  
 77.  $\vee \S$  21.  
 XXX. White fr. m. open. NW. W.  
 XXXI. 6 m. brisk wd. fair, warm. fr. m. Sly. E.  
 I. Apr. Misty air, yet the Horizon visible, close m. p. f. wds. E. SE. coldish at n. SW.  
 f. rain at *Hackney*.  
 Forest met. fair, fr. m. rain p. m. per sat. W.

## April.

1671.  $\vee \S$  26.  
 X. Cold, fair m. f. mist m. close m. p. NW.  
 VI. 3 m. cold m. f. mist. fair d. E.  
 VII. Bright, E. wd audible 11 p.  
 72.  $\S \vee$  14.  
 XXIII. Overc. a. m. clearing, stiff wd. bright n. E.  
 XXIV. 4 m. Bright, dry; not so clear p. m. windy. Halo 1 p. NE.  
 XXV. Dry, f. clouds Sly. fair m. less hazzie then pale the first day.  
 73.  $\S \vee$  3.  
 XII. Open, windy, flying cl. S W. Cloudy shows 7 p.  $\odot$  occ.  
 XIII. 10 p. close, f. mist, L. shows p. 2 p. & m. p. p. m. S.

## March.

1671.  $\times \Pi$  13.  
 XXII. Frost, hail 11 m. & p. m. meteor circ. l. or d. much ice for one night. NW.  
 XXIII. 2 p. frosty, fair f. mist m. at vesp. NW.  
 XXIV. Frosty, great Ice, fair, f. mist m. vesp. NE.  
 72.  $\vee \vee$  2.  
 X. Snow in part lies; wdy, open, H. wd. misty clouds, open n. N.  
 XI. 3 p. White Frost, ice, fair, misty cl. wd. S E. lowring m. p. W.  
 XII. Snow on the ground. fog, thaw.  
 73.  $\vee \vee$  20.  
 XXIX. Cold, H. wd. Rain: p. 2 p. & hail then. for p. W.  
 XXX. 5 m. wet m. p. f. snow m. drizzle showr 2 p. & p. m. blustering. S  
 XXXI. Rain a 7 m. ad 9 m. H. wd. f. drizzle. 1 p. 7 p. NW.  
 74.  $\vee \vee$  8.  
 XVIII. f. snow ante l. snowing a. m. very cold p. m. f. mist. NE.  
 XIX. 3 m. snow, tempestuous wd ante luc. & a. m. very old, cloudy. N.  
 XX. Snow ante l. showy c. m. p. Nly, Foggy, H. wd ante luc.  
 75.  $\times \Pi$  28.  
 VII. Misty, windy, dry. Ely H. wd ante luc.  
 VIII. 10 m. E. Frost, ice, mist, wd, dry.  
 IX. Ely. Frost, off lowring, cold, dry.  
 76.  $\vee \vee$  16.  
 XXV. Misty, wet m. p. & f. wd, brisk. NE. much rain 8 p.  
 XXVI. 10 m. open, wdy, clear n. E. NE.  
 XXVII. E. fair, bright d. cold wd and rough.  
 77.  $\vee \vee$  5.  
 V. Fr. ice, open, dry. S W. misty  
 XVI. 6 m. Frost, fair, white cl. W.  
 XVII. Frost m, fair, frosty, white cl. ante d. 15. between *Cales* & *E Lucas*. great storm & thunder wick *Shipwrack*. S.

## April.

1671.  $\S \approx$  11.  
 XXI. Bright m. f. mist, brisk wd, hot, clouding heb. vesp. NE.  
 XXII. 2 m. f. mist, fair, hot, foultry. *Meteors*. W.  
 XXIII. Mist, fair, hot.  
 72.  $\S \approx$  1.  
 IX. Close, mist ante l. Clear 4 p. N. NW.  
 X. 8 m. cold m. close, wetting a. m. p. m. & serious Rain at n. NW.  
 XI. Close, wetting 9 m. Nly. open a. black clouds, wetting 5 p.  
 73.  $\S \approx$  19.  
 XXVIII. Close d. f. moisture 5 p. S W.  
 XXIX. 1 m. close m. clear p. m. dry, no mist. NE.  
 XXX.

XIV. Close m. p. a. m. cold wd, open & warm  
p. m. N.

74. V 23.

II. N E. Fine m. overc 7 m. great cl. &  
threatning R. which vanish. SW.

III. 7 p. Wly. Close, wetting 7 m. & black Hea-  
ven. SW.

IV. Close, wetting 10 m. & 1 p. SW.

75. V 13.

XXI. Fair, cold, flying cl. misty, f. lowring. E.

XXII. 8 p. N. closing and hopes of moisture;  
coldish m. offer wd & rain ☉ acc. S W. a.  
m. but vesp. N.

XXIII. Nly. Cold, cloudy, rain, hail ante 10  
m. Nly after. E.

76. V 2.

X. Wetting 6 m. hottish rain 3 p. &c. Wly.

XI. 6 m. open, warm, f. lowring cl. overc.  
10 p. W. S.

XII. Clouds m. hot n fair, brisk wd. Ely. hot  
wetting 5 p. S.

77. V 19.

XXVIII. Warm, many clouds, brisk wd. showr  
3 p. E. S.

XXIX. 10 p. Warm, H. wd. showr. ♂ or ♀  
rise. wd allayed vesp. W. SW.

XXX. Open, rain 11 m. & constant ad med.  
vesp. wd Wly. various. S W.

XXX. Fair, very hot.

NE.

74. 8 7.

XVI. N E. f. rain 5 m. warm; often closing  
& lowring p. m. S W.

XVII. 10 p. close m. p. f. rain 7 p. SW.

XVIII. Nly. Close.

75. V 26.

V. Rain 5 m. & wetting 5 m. cloudy. E.

VI. 11 p. E. clouding m. p. lowring 11 m. Fine d.  
cool wd. N.

VII. E. Fair a. m. close, Hail, high, cold &  
red wds. NE.

76. 8 14.

XXIII. Close m. p. lowring, coldish. N. NE.

XXIV. 8 p. H. wd, cloud, f. drops 5 p. ♀  
acc. 1/4 M. C. W.

XXV. N W. Close, lowring, bright n. NW.  
m. at n. E. S E. hottish even.

77. 8 4.

XIII. Close drops 9 p. SE.

XIV. Rain 6 m. & o. & 1 p. 6 p. & by fits 3  
p. showr coasting 7 p. H. wd 11 p. S. SW.

XV. Open m. rain 11 m. sweetly, with H wd.  
showr 6 p. S W.

### May.

1671. V 24.

IV. Open, wds, warm, dark & lowry 4 p. S.

V. 5 p. Windy, dash 9 m. 1/4 or fair, warm.  
SW.

VI. Cold m. fair, hot. SW.

72. II 12.

XXII. Close wd. f. showrs 7 p. SW.

XXIII. Close, hottish, f. wd. SW. cl. fly. NW.

XXIV. Close m. p. Nly vesp. E.

73. II 2.

XII. Very cold m. bright, overc. o. gentle rain  
1 p. 5 & 7 p. very cold n. N E.

XIII. 4 m. Close m. wet tempore pom. tot. SW.  
but cl. Notherly. S.

XIV. Close, wetting m. cold offering p. m.

74. 8 22.

I. Sly Showrs. 5 m. 10 m. D or. & 3 p. again 1/2  
acc. showr 5 p. more wet at n. cold, f. hail  
p. m.

II. 11 p. Nly. close wd, R. m. p. open p. m.  
R. 6 p. NW.

III. Rain m. H. wd. R. 5 p. SW.

75. II 10.

XXI. Cool m. warm, fair 9 p. E.

XXII. 2 m. fair, thick cl. gather 9 p. E.

XXIII. Hot, cloudy 5 p. E.

76. II 0.

IX. Close wd. showr 8 m. 11 m. o. 3 p. 5 p.  
7 p. W.

X. 6 p. white pregnant cl. p. m. Nly p. m. W.  
Bright n.

### May.

1671. II 9.

XX. Cold m. coasting R. in the North 9 m.  
rainy m. p. & vesp. &c.

XXI. 11 m. Close m. rain 1 p. 3 p. Nly 7 p. 8  
p. f. hail o. as Mr. Samdars happily.

XXII. Fair, floating cl. warmer vesp. f. rain  
10 p. Nly at n. Wly.

72. 8 29.

VIII. Cloudy m. bright, dry, coldish wd. NE.

IX. 11 p. Close, warmish, offering a drop, mi-  
sty air, close n. NE.

X. Close, misty air, bright, dry, warm. NE.

73. II 17.

XXVII. Rain 4 & 6 m. close, hottish; showr 1  
& 3 p. dash 4 p. S W.

XXVIII. 5 p. bright m. overc. f. rain 1 m. &  
a. m. & 1 p. coasting temp. pom. tot. NW.

XXIX. Close m. p. f. rain 10 m. S W.

74. II 6.

XVI. Ely Bright, wet, hot S E. a. m. f. SW. no  
Meteors 10 p.

XVII. 3 p. bright, cloudy, showr ☉ acc. E.

XVIII. f. showr ante 4 m. hot, windy. S S W

75. 8 25.

V. Warm, misty wd turns o. close & lowring SW.

VI. 15 p. N. lowring much, hot d. W.

VII. Lowring & mist NW.

76. II 19.

XXIII. warm, bright, dry Ely, bright in NW.  
11 p.

XXIV. 6 m. warm, bright, more dry clouds,  
then die prac. Meteor 11 p. a Lance Bor. ad  
scorpi

XI. Fair a. m. overc. o. f. rain 7 p. gusts of wd at n. W.

77. II 18.

XXVIII. Close m. open, suspicious in the S. o. & troubled air; close vesp. Rain 5 p. 10 p. midn. S E. SW.

XXIX. 2 p. wet a. m. tot. ad 1 p. windy, flying cl. S W.

XXX. Fair a. m. many white cl. showry 5 p. 4 in Nadir glancing on ♂. SW.

## June.

1671. II 23.

III. Open, sometime threaten. Ely clds rise W. Halo cool n.

IV. 6 m. Close, f. mist m. offer p. m. W.

V. Warmish o. floating cl. cool vesp.

72. S 10.

XX. f. gentle drops. m. shower 3 p. wdy d.

XXI. Lowry m. wdy gusts, fair p. m. wd various

NW. clouds ride North-ward, wds 11 p. SW.

XXII. Fl. clouds as for r. NW. 5 m. shower 1 p. windy. NW. SW.

73. S 0.

X. Rain ante 5 m. &c. close m. p. Cool.

XI. 10 m. Cool m. close o. warm p. m. Wly. Ely at n.

XII. Cool & close m. wetting 10 m. & pm. S.

74. 2 5 S 20.

XXXI. May Ely, open, overc. 11 m.

I. 8 m. Fair a. m. warmer o. & dusty; cl. overc. 10 p. NE. N.

II. Fair, bright, dry, Nly. shower D in 3. NE.

Iterum. S 18.

XXIX. Close & lowring m. p. NW.

XXX. 10 m. showrs m. dropy 4 p. 9 p. no mist. SW.

I. Jul. bright m. close & lowring o. H. wd 5 p. & dropping. S W.

75. S 8.

XIX. Open, H. wd ante luc. f. showrs. Nly.

XX. 2 m. Open, thickish clouds, smart shower 4 p. N.

XXI. Fair 6 m. Wly. fl. cl. shower 4 p. 9 p. Ely.

76. II 28.

VIII. Close m. seeming shower coasting 9 m. in the South; f. wetting at 9 p. W. NW.

IX. 3 m. R. 3 m. lowring m. p. S.

X. R. 9 m. close Wly. Nly. Meteors prope Pegaf. 11 p.

77. S 16.

XXVII. Close 5 m. heat, misty, floating cl. lightning in SE &c. thunder 9 p. lightning in North 12 p. at Farnborough Men slain by lightning. NW.

XXVIII. 1 m. Cloudy ante 8 m. cloudy & cool. clears & warm p. m. N.

XXIX. Sweet m. no fog in prospect, brisk cool wd, cloudy m. SW.

Scorpii Front, lightning several times in S. SW.

XXV. Souly day, lowry cl. 1 p. Stones sweat.

Lightning much to the Northerly parts 11 p. E.

77. II 2.

XII. R. apace 4 m. wd. open, warm. Nly SW. W.

XIII. 7 p. close m. gusts, clody sprinkling 8 p. SW.

XIV. Fine warm, floating bright cl. sometimes lowry. W.

## June.

1671. S V 7.

XVIII. Hot, dry, clear, f. mist, H. wd p. m. Ely but at n. N.

XIX. 5 p. Fair, lowring, bright cl. wd. NE.

XX. Fair, dry, fog ante 10 a. m. lowr & shower discovered 3 p. shower of half an hour 4 p. that while the wind in the West, then turn to NE. again.

72. II 28

VII. Cloudy & gear lowring, f. little shower 2 p. hot. S. SE.

VIII. 11 m. Heat, R. thunder 10 m. 4 or. terrible thunder & rain 2 p. SW. N.

IX. f. drops 9 m. great mist a. m. troubled air 5 p. shower. & 6 p. with extraordinary, Ternados as a Merchant filed them.

73. S V 15.

XXVI. Close R. 6 m. wetting 8 p. R. 11 p. H. wd. & rain. m. p. of the night. SW.

XXVII. 7 m. R. 6 m. warm, fair, wdy. SW.

XXVIII. Fl. cl. 8 m. H. wd, clouds in scene. SW.

74. S V 4.

XV. Cloudy m. p. dry. N.

XVI. 9 m. drille 5 m. o. close, warm. N.

XVII. Nly. overcast o. close, a drop at n. Ely.

75. X II 24.

IV. Close, f. rain 11 m. 7 p. wd brisk. W.

V. 6 m. Floating thin cl. o. warm till at n. Nly.

VI. Fair, warm a. m. coasting shower o. Nly.

76. S V 2.

XXI. Fair m. cold wd. Wly. overcast, shower 11 p. SW.

XXII. 8 p. R. & thunder 5 m. 7 m. dark 8 m. Rain & thunder 5 p. & R. 8 p. NE. SE.

XXIII. R. 2 m. &c. 7 m. Fair temperate wd, cool. SW.

77. S V 1.

XI. Shower 1 m. 9 m. 11 m. NW. W.

XII. 3 m. H. wd, m. r. r. floating clouds 9 m. f. drops, & offer 1 p. 4 p. shower 6 p. W. NW.

XIII. NW. warm, open, overcasts 1 p. open Wly.



## July.

1671. ☾ 21.  
II. Close m. clouds in scenes, misty R. 10 m.  
drowning Dash o. ♂ So. showr 4 p. SW.  
III. Close o. rain 2 p. open SW. Smoke at n.  
waves toward NW.  
IV. Fair, clouding p. clouds ride contrary.  
SW. SE.

72. ☾ 8.  
XX. Close m. bright p. m. hot Meteors 11 p.  
SW. various.  
XXI. 2 p. Bright, Hazy m. hot. f. gales NW. m.  
SE. S. p. m. not hazy even Meteors 3. 8 p.  
by D light.

- XXII. Fair m. warm, overcast p. m. & 10 p.  
showr 5 p. short Meteors 12 p. SW.

73. ☾ 28.  
IX. Close, some wetting. SE. SW.  
X. 8 p. Fair m. f. showing a. m. p. m. open  
SW. NW.

- XI. Overcast, wetting 11 m. 2 p. close SW.  
warm m. hot n. and close.

74. ☾ 16.  
XXVIII. Close a. m. and f. shows, open. H. wd  
p. m. S. SW. clouds red ☾ occ. after ♂ ♀  
helping.

- XXIX. Clouding a. m. susp. in SE. H. wd. o.  
Meteors 11 p. S. SW. Meteor near h.

- XXX. H. wd, open a. m. Rain p. m. tor H wd.  
S. SW.

75. ☾ 6.  
XVIII. Cloudy a. m. some drops, wd. SW.

- XIX. ho. o. Fair, windy, very cold, mist vesp.  
rainy 9 p. W.

- XX. Rain usque ad 4 p. fair even. SW.

76. ☾ 27.  
VII. Mist, close, offer 10 m. o. 2 p. showr 6  
p. wd. Nly.

- VII. 9 m. great dash 6 m. ☾ in Nadir. Rain a  
midn. by fits ad 6 p. rain 1 p. drizzle 8 p  
Nly misty.

- IX. Dash 6 m. 11 m. mist, dash 5 p. Nly.

77. ☾ 14.  
XXVI. Fair, cool a. m. f. floating clouds, supi-  
cious 7 p. in the W. wd SW.

- XXVII. 10 m. rain at midn. showing 3 m. 8 m.  
coasting showr SW. rain and thunder 11 p.  
and ante 6 rain. clouds ride contrary. Meteor  
11 p. ab Androm. ad 23 locum ☾ coolish.  
N. SW.

- XXVIII. Wet a. m. per tot usque ad ho 1. vesp. flo-  
ting cl. open p. m. coldish S. 2 Meteors  
near Delph et Aquila ☾ oritur. SW

## July.

1671. ☾ 6.  
XVII. Moderate, some rain near night.  
XVIII. Bright day.  
XIX. Cloudy, close a. m. pleasant p. m.

72. ☾ 25.  
VI. Wet a. m. tor. Dashes 2 p. p. m. fere tot Circa  
6 vesp. showr again ☾ occ. Cygni m. c. ceti ore  
☾ occ. 6 p. ☾ nadir seg. h.

- VII. Cloudy m. p. fine and dry. Wly.

- VIII. Bright m. close 11 p. and threatening. o-  
pen p. m. close vesp. and f. drops 8 p. SW.

73. ☾ 13.  
XXV. Close showr 8 m. lowring, suspic. m.  
SW. hot.

- XXVI. 6 p. close. f. drizzle a. m. warm drizzle 8  
p. and wd. SW.

- XXVII. Close, H. wd, somet. lowring p. m.  
SW.

74. ☾ 3.  
XIV. Showr 9 m. showr and thunder 1 p. very  
H. wd circa o. SW.

- XV. 12. Fair, dry, f. clouds in scenes. S W.  
warm Meteor below Lyræ 11 p. Wly.

- XVI. warm, dry, not clear Ely. close n. and  
hottish.

75. ☾ 22.  
III. Bright, dry, f. lowring cl. p. m. Wly.  
IV. f. drops 2 p. 4 p. Wly hot day and night.  
V. Hot m. foultry afflicting air, lowring. W.

76. ☾ 9.  
XXI. Hot n. cooler a. m. f. wd. brisk cly circa  
vesp. clear meteor 10 p. Wly.

- XXII. o. Rain a 10 m. ad m. p. d. R. 9 p. H.  
wd. Sly.

- XXIII. R. 8 m. floating heavy cl. showr o. and  
thunder thrice, shows 3 p. SW

77. ☾ 29.  
X. Clear, H. wd. 6 m. Wly. boisterous wd die  
tor. Rain 11 m. ☾ occ. Halo 11 p. Wly

- XI. 2 p. rain ab 8 m. ad 1 p. rain again a 5 ad  
8 p. R. 10 p. Wly with wd, warmer evening.  
SW.

- XII. showr 6 m. H. wd, great showr 9 m. open  
p. m. Wly. SW. red even.

## August.

1671. ☾ 19.  
I. Cloudy, cool, gentle wds.  
II. Flying cl. yet fair.  
III. Hot and cloudy.

## August.

1671. ☾ 3.  
XVI. Fair, dry NE. 2 Meteors near p. m.  
XVII. 3 m. mist m. fair, lowring as for thunder  
o. showr 4 p. Ely. m.  
A a

72.  $\pi 2$  57.  
XIX. Cloudy a. l. R. m. ad 7 m. rain o. dash Ely. SE.  
4 p. f. rain 7 p.  
XX. 7 m. Hazy m. much lowering 5 p. cloudy a. l. NW.  
XXI. Frost, wd NE. smoky air.  
73.  $\Omega$  26.  
VIII. Open. warm. NE.  
IX. 7 m. Close m. p. E. NE. close n. open 11 p. NE.  
X. Close m. p. misty air E. NE. brisk wd 2 p. hot n. and rain 2 p. offering p. m.  
74.  $\pi 2$  14.  
XXVII. Rain and misty ad 3 p. W.  
XXVIII. 4 m. Rain 2 m. ad 8 m. shower circa o. loud t.unders, showers at Branford 4 p. NE.  
XXIX. Fair, but cldy o. heavy clouds, dropping &c. Cobweb strings many, Fog like water on the ground. N. Ely.  
75.  $\pi 2$  4.  
XVI. Fair, bright all day. Wly.  
XVII. Cloudy, bright at o. foultry even. Wly.  
XVIII. Fair, dry, hot n. Wly.  
76.  $\Omega$  24.  
V. Overc. fog m. fair, warm, wd, white floating clds, overc. 3 p. wd Ely. NE. *Meteors*, Two 11 p. One by ♀.  
VI. 3 p. Mifty air, fair, hot p. m. black, thick, overcast as for thunder; showers 5 p. wd. Ely.  
VII. Cloudy m. warm clouds p. m. promise Red even. Nly.  
77.  $\pi 2$  12.  
XXIV. Cool, open m. f. overc. drops 9 m. cldy m. p. Wly cloudy 11 p. W.  
XXV. Cool, dry, fair m. wd, cloudy in the W. m. and in the S. p. m. warm, close m. p. Sly. W.  
XXVI. Warmer, drisle o. mist, open with floating clds Wly p. m. NW.

## September.

1671.  $\pi 2$  18.  
XXXI. *August*. Foggy, hottish, bright n. *Meteor* toward *Pleid.* E.  
I. Sept. 10 m. Fog, flying thin cl. SW. hottish bright night, *Meteor* bright near  $\frac{1}{2}$ . SW.  
II. Hot n. misty air m. foultry as *dis* *prec.* dry Wly. *Meteor* 10 p. *prope* ).  
72.  $\Omega$  6.  
XVIII. N. Frost, cloudy, showing 3 p. Nly.  
winds East in time of the showr..  
XIX. 2 m. Fog, frost m. floating cl. mist at n. NE.  
XX. Mist m. overcast p. m. drisle 9 p. NE.  
73.  $\pi 2$  24.  
VI. Close, wdy, rain 4 p. 10 p. and windy. SW.  
VII. 11 p. Fog m. clear above, bright n. S. SW.  
VIII. Wd *noct.* tot. rain *ante* l. showing *ante merid.* m. p. SW.

XVIII. Dew on trees, (mist or frost.) Nly. overcast 8 m. clouds in scenes, bright n. South Horizon seen at *London*. 2 *Meteors* by *Ophichus*. Nly.

72.  $\Omega$  23.  
V. Fair, dry NE. hot, cldy at n. Sly.  
VI. 1 m. showers 3 m. drilling a. m. tot. hottish p. m. Sly. open, f. clouds in scenes, clear n. Sly.  
VII. Fair a. m. hot p. m. but close; f. drops 4 p. SE. great dew on windows, as if frost.  
73.  $\pi$  13.  
XXIV. Open, wdy, offering 11 p. calm. SW.  
XXV. Fair, clouds gather, showr 1 p. SW.  
XXVI. Stormy wds and f. wetting 2 p. at *Branford*. SW.  
74.  $\pi$  1.  
XIII. Fog m. dry hear, f. clouds lowering with misty air. NE. wd turned ab E. ad N. wd various.  
XIV. Mifty, dry, hear Wly p. m. S E. at n.  
XV. Hot and fair. S. SE.  
75.  $\Omega$  20.  
II. Fair, wdy, clear. SW.  
III. Fair morn, overc. about o. flying clouds. W. SW.  
IV. Hot day Ely. foultry night. Nly.  
76.  $\pi$  8.  
XX. Clouds in scenes m. brisk wd. W. SW.  
XXI. 6 m. clouding 10 m. fair, cool, Wly. cool n.  
XXII. Open, windy, showr o. f. rain 10 p. ♂ or. wdy, N. wd 7 p. NW.  
77.  $\Omega$  27.  
IX. Fog early, bright, Ely. wd, but clds Wly. f. floating bright cl. warm, single cloud showing in the NW. 7 p. Sly.  
X. wetting 8 m. S. hot a. *prec.* hot day, yet close, wetting *ante* 7. SW. NE.  
XI. Fair m. overc. 8 m. R. o. p. m. *tere* tot. Rain pouring 11 p. SW.

## September,

1671.  $\Omega$  21.  
XIV. Close, offer 11 p. NW.  
XV. 10 m. Frost, mist, fair Meteor. NW.  
XVI. Frost, floating cl. fine day, close *vesp.* and little wetting. NW.  
72.  $\pi$  22.  
III. Lowring, suspicious *ante luc.* & a. m. very cold Nly. SW.  
IV. 6 m. Cold m. fair, overcast o. & showr 2 a. 6 p. W.  
V. Cold m. flying cl. wetting o. 2 p. rough wd. SW.  
73.  $\Omega$  10.  
XXII. Frost m. ice, cold a. m. R. o. & p. n. *per* tot. SE.  
XXIII. 9 m. showers  $\odot$  *ort.* ad 8 m. fo 2 p. a. 3 p. wd, high *ante luc.* SW.  
XXIV. very warm m. and troubled air. west at p. m. p. short Meteor toward *Ursa* *Majors* head. N. NW.

74.  $\triangle \nabla$  13.  
 XXV. NW. changeable, i. rain 10 m. o. p. m.  
*vefp.* H. wd *vefp.* NW. Nly.  
 XXVI. 4 p. cold, cloudy, windy. NW.  
 XXVII. Cold, close m. p. mistyish. N. W.  
 75.  $\triangle \nabla$  2.  
 XV. Rain 5 m. or about that h. fair, warm. W.  
 XVI. 2 m. fair a. m. cl. lowring, R. 5 p. W.  
 XVII. Close, somewhat foggy, warmish. SW.  
 76.  $\nabla \nabla$  2d.  
 III. Fair m. mist, white cl. brisk wd, no rain,  
 though the *Barometer* stood at 48. when  
 at 50. it most part rained. W. SW.  
 IV. 9 p. Cloudy, hot n. f. wet 5 m. misty and  
 rain o. p. m. &  $\odot$  occ. 11 p. SW.  
 V. Rain 1 m. apace, clouds in lices. SW.  
 77.  $\triangle \nabla$  11.  
 XXIII. Warm Rain 2 m. somet. clouding fo  
 $\odot$  occ. very hot n. W. NW.  
 XXIV. 1 m. clouds warm, somet. lowring, dry.  
 W.  
 XXV. Brisk wd 9 m. open, warm.

## October.

1671.  $\triangle \nabla$  17.  
 XXX. Clouds, rain o. 2 p. 4 p. much  $\odot$   
 occ. SE. S.  
 I. 4 m. stormy wd. f. clds, stormy wind at n.  
 SW.  
 II. Wd laid pretty wel, open, dash o. H. wd p. m.  
 offer 9. R. 6 p. SW.  
*Iterum, October.  $\nabla \nabla$  17.*  
 XXIX. Close m. p. cooler, bright n. N.  
 XXX. 7 p. drisle m. close d. l. wd. SE.  
 XXXI. Close m. open 9 m. close and freez. 9  
 at n. NE.  
 72.  $\nabla \nabla$  6.  
 XVII. Fair, but misty air; red cl.  $\odot$  occ. over-  
 cast night. W.  
 XVIII. 9 p. Fog m. & a. m. coldish, lowring  
 in South, East, & S.W. clear in North,  
 Meteors 7 p.  
 XIX. Close m. p. & coldish; clouds colour'd  
 as for snow, drisle 9 p. N. NE.  
 73.  $\triangle \nabla$  24.  
 VI. Wind and rain ante l. warm, close, dropping  
 2 p. SW.  
 VII. 4 p. Frost, ice at *Putney*. Clouding, snowr  
 3 p. 9 p. SW.  
 VIII. Fr. fair, mist, winterly air. N.  
 74.  $\nabla \nabla$  13.  
 XXV. Wind, R. 7 m. misty, drisle 1 p. R. &  
 wd 3 p. Lightning, South East 9 p. Meteor  
 by *North Fish*, from the North. SE.  
 XXVI. 10 m. bright m. sudden overc. snowr  
 10 m. fo p. SW wind.  
 XXVII. Rain a *noth. med.* m. p. fo 7 m. 4 p.  
 thence *Furious*, tempestuous and driving cl.  
 SW. Nly.

74.  $\triangle \nabla$  13.  
 II. W. open SW. warm, cloudy n.  
 XIII. 2 m. rain 4 m. & c. close showr 5 p. SW.  
 XIV. Fr. cold dew, clear mist. Nly. H. and  
 cold wd, sometimes threatening. NW. H. wd  
 10 p.  
 75.  $\nabla \nabla$  19.  
 I. White frost, fair, warm. NW.  
 II. 8 m. Cold, foggy m. fair and cold. NW.  
 III. Cloudy m. f.  $\odot$  hor. NW.  
 76.  $\triangle \nabla$  7.  
 XIX. Rain m. fair after. NW.  
 XX. 1 m. wind open m. p. SW.  
 XXI. Mist, showr 11 m. fair p. m. mist. W.  
 77.  $\nabla \nabla$  26.  
 VII. Frost m. close midn. N. fair, afterwards  
 a very cold n. E. NE.  
 VIII. 9 p. Fog, frost early, great dew, brisk  
 wds, not a cloud in the skie. Meteors 7 p.  
 NE.  
 IX. Fog, fair, H. wd a. m. lower p. m. Meteor  
 near  $\triangle$  and *Perspes*, Two near *Engonas*, Nly.

## October.

1671.  $\nabla \nabla$  1.  
 XIII. Open, mild m. close offer 9 p. m. NW.  
 XIV. 7 p. close m. p. seems some frost, close  
 p. m. NE.  
 XV. NW. Close, brisk wd 11 m. close. NE.  
 72.  $\triangle \nabla$  20.  
 II. H. wd *noth. tot.* wet and dashing m. open  
 p. m. SW.  
 III. 1 p. Frost, fair m. cloudy p. m. showr 5 p.  
 NW.  
 IV. Close, cool m. p. a. m. showr 4 p. SW.  
 73.  $\nabla \nabla$  9.  
 XXI. H. frost, misty & close m. p. N. m. after  
 SW.  
 XXII. 5 p. close, misty. SW. NW. p. m.  
 XXIII. Windy, wet p. m. *tot.* SW.  
 74.  $\triangle \nabla$  29.  
 XI. Fog, open, burnished cl. *Ropes*. SW.  
 XII. o. Rain ante *luc.* 3 or 4 m.  $\odot$  in M. C. in  
 $\odot$  28. &  $\odot$  in  $\odot$  dewing 8 m. open, warm  
 even. NW.  
 XIII. Ely. Mist, wetting a. m. & p. m.  
 75.  $\triangle \nabla$  19.  
 XXX. *Sept.* cloudy m. clear d. SW.  
*Oct.* I. 12 p. NW. frost, ice, fog.  
 II. Sly. R. 6 m. fog, close, wd. E.  
*Iterum.  $\nabla \nabla$  18.*  
 XXX. Fog, frost. Nly.  
 XXXI. 2 p. fog, frost, f. mille 8 p. NE.



75.  $\gamma \approx 2$ .  
 XIV. f. wet m. 10 m. warm, close. W.  
 XV. 2 p. Close, warm, f. moisture 6 p. W.  
 XVI. Fair, warm, close p. m. mist, f. wet 5 p. N.  
 76.  $\triangle \nabla 21$ .  
 III. S. Wd brisk, overc. 8 m. R. 3 p. drops 5 p. S.  
 R. 6 ad 10 p.  
 IV. 4 m. mist, wd, rainy p. m. p. ad 9 p. E.  
 V. Rain m. 2 p. showr 3 p. & vesp. E.  
 77.  $m \approx 10$ .  
 XXII. Fair, warm, pleasant *Horizon*, no mist, brisk wd, R. p. m. W. N.  
 XXIII. 6 m. Frost, mist, fair, wd Nly. Heaven strips with clouds. S.  
 XXIV. H. frost, mist, winter day. N. S. S. E. E.

## November.

1671.  $\gamma \approx 17$ .  
 XXVIII. Fair, drisle, rain 4 p. W.  
 XXIX. 8 m. R. considerable m. close, warm wd. W.  
 XXX. Close, fine, open o. close 3 p. E.  
 72.  $\gamma \approx 6$ .  
 XVI. Wd open a. m. closing 3 p. R. 4 p. SW.  
 XVII. 10 m. mist m. wetting 10 m. very wet 1 p. f. wet 7 p. windy d. and n. S.  
 XVIII. Close, fair m. p. close vesp. Wly.  
 73.  $m \approx 24$ .  
 V. close, wetting 8 p. Nly.  
 VI. 2 p. Close, rain 1 p. W. NW.  
 VII. Close, misty, wd, R. snow 10 m. & post mer. m. p. Nly. Wly p. m.  
 74.  $\gamma \approx 13$ .  
 XXIV. Frosty. f. snow ante l. bright, overc. p. m. f. snow, cold. W.  
 XXV. 7 m. Frosty, snow a. l. snow hard a. m. fair p. m. overc. n. SW.  
 XXVI. Snow a. l. frosty, H. wd. fair. NW.  
 75.  $\gamma \approx 2$ .  
 XIII. Close, warm, mist, f. mist 10 p. NE. SW.  
 XIV. 5 m. Mist, frosty m. open, mist 7 p. N.  
 XV. Misty, close, Ely. colder p. m. W.  
 76.  $m \approx 20$ .  
 I. Frost, H. wd, wetting 11 m. 1 p. drisle m. p. H. wd n. SW.  
 II. 2 p. Cloudy, windy, wetting. SW.  
 III. H. wind no H. tot. clouds suspicious 1 p. SW.  
 77.  $\gamma \approx 11$ .  
 XX. Frosty, fog, open. Ely. N E. close at n. f. wd. NE. Ely.  
 XXI. 4. Fog, frost gone, open. Nly. rain & sleet 1 p. with Fog, R. 9 p. W.  
 XXII. Frost, snow found, cloudy. Ely.  
 snow o. & p. m. NE.

- Cloudy in the South vesp.  
 I. Nov. Mist, no frost, cold wd, bright 1 m. showr 3 p. wd 10 p. W.  
 76.  $m \approx 7$ .  
 XVIII. Mist, clouds, dewing 6 p. Nly.  
 XIX. 8 p. Troubled air, mist, wd, drops 4 p. 5 p. NW.  
 XX. Misty m. if not rain early, close, cool wd. W. NW.  
 77.  $\triangle \nabla 25$ .  
 VII. Fog, drisle 9 m. wd Nly. N E. so 1 p. drisle.  
 VIII. 5 p. Fog, wd and rain considerable 5 m. &c. drisle m. p. d. Nly.  
 IX. Fog. some wet 7 m close, f. wet 11 p. Nly.

## November.

1671.  $\gamma \approx 1$ .  
 XII. H. wd. no H. tot. frosty, H. and cold wd die tot. so at n. Two ships perish at *Tarmouth*. N.  
 XIII. 9 p. Fair, frosty, f. wd. fog at n. NW.  
 XIV. Wd and snow 1 m. Thaw and warmer wd. SW.  
 72.  $m \approx 20$ .  
 XXXI. *Obs.* Close, wetting o. wd. NE.  
 I. Nov. 10 p. Close m. very cold and H. wind. NE. open p. m.  
 II. Very cold, fair, H. wds, f. clouding 2 p. occ. *Meteors* 9 p. NE.  
 73.  $\gamma \approx 9$ .  
 XIX. Frosty, foggy m. p. NE.  
 XX. Rain a. m. m. p. dropy 4 p. S.  
 XXI. Foggy, clear above; frosty, great hoar. SE. SW m. NE. n.  
 74.  $m \approx 28$ .  
 IX. Rain 6 m. foggy, clearing p. m. Wly.  
*Mercury in the Tube*, points at fair and clear, i.e. at the height. Note  $\odot \& \odot \Delta$ .  
 X. 10 p. Foggy, no frost, clearing, close. Nly.  
 XI. NE. Fog, f. rain m. close m. p. Ely.  
 75.  $\gamma \approx 18$ .  
 XXVIII. Mist, warm, fair. SW.  
 XXIX. 12 p. Frost m. Leads wet, yet no mist. W.  
 XXX. Mist, Leads wet, fair, warm. NW.  
 76.  $\gamma \approx 7$ .  
 XVII. Fog frosty die tot. hoar remains d. r. NE. Sly.  
 XVIII. 1 p. frosty, hoary on the Houses as snow, winterly rain, snow-broth 2 p. cold, R. 5 p. Wly. NW. at n.  
 XIX. Foggy, frosty, wdy n. fair d. NW.  
 77.  $m \approx 20$ .  
 VI. Fog, drisle 9 m. open, showr 2 p. Meteor near  $\Delta$ , bright 6 p. f. near *Cassiopeia*, warm. SE.  
 VII. 1 p. Fog, rain a 2 m. ad 4 m. f. rain 10 m & 2 p. SW. a. m. Ely p. m.  
 VIII. Showr m. warm rain 11 m. open p. m. Meteor near *Capella*, Two under *Engonasin*, Westward.

## December.

1671.  $\text{VV} 19$ .  
 XXVII. Very hard frost, freezing at n. fair. NE.  
 XXVIII. 7. snow m. thaw p. m. NE.  
 XXIX. Frosty a. m. thaw p. m. open, close, wds audible 10 p.  
 72.  $\text{VV} 6$ .  
 XVI. Cold, close, dry. NW.  
 XVII. 10 m. Rain 7 m. f. fog a. m. dark and wetting p. m. R. 7 p. ad midn. NW.  
 XXIII. Rain 7 m. and m. p. pouring 6 p. SW.  
 73.  $\text{I} \times 15$ .  
 V. Fr. cold d. Nly. close m. p. Ely at n.  
 VI. o. Frosty, sharp, cold wd, open. Ely. wd very high at n.  
 VII. Extreme frost, boys slide in 2 days, mist, overc. 8 p. E. m. S. p. m.  
 74.  $\text{VV} 2$ .  
 XXIV. Close, f. mist, warm walking. SW.  
 XXV. 4 m. Frost, fair, misty m. Fog fall 10 m. wetting 5 p. 9 p. l. wd. SW.  
 XXVI. *Strange Christmas* weather, warm, calm, fair. SW.  
 75.  $\text{VV} 2$ .  
 XII. Cloudy p. m. *Halo*, windy, wet night. W.  
 XIII. 2 p. Much rain 5 m. dark, wdy, R. 2 p. H. wd at n. very warm. SE.  
 XIV. 5 m. R. *med. noff.* ad 2 m. to 7 m. close, H. wd, very warm, tempestuous n. dash of R. 8 p.  
 76.  $\text{I} \times 21$ .  
 I. Cloudy mist, wd. SE.  
 II. 2 m. Frosty, mist, fair, wd. E.  
 III. Frosty, fair, mist, wd. E.  
*Iterum.*  $\text{VV} 21$ .  
 XXX. E. Frosty, cloudy, misty. N E. N.  
 some snow *ante luc.* milder 11 p.  
 XXXI. 6 p. Frosty, cloudy, foggy E. several pafs over the *Thames* from *St. Mary Dock* to *Cold-harbor*.  
 I. Jan. Frosty, misty, cloudy, Ely wd.  
 77.  $\text{VV} 10$ .  
 XX. Tearing frost, fog, fair. Ely. NE.  
 XXI. 2 m. Fog, frost, *Thames* froze at *Putney*.  
 Foggy and stinking 4 p. SW. m. SE. *veff.*  
 XXII. Frosty, fog, close, much milder.

## December.

1671.  $\text{V} \triangle 1$ .  
 XII. Close, wetting *circ.o.* close and cold p. m. N.  
 XIII. 2 m. Close Ely. Frost.  
 XIV. Frosty, black, cold, misty. Ely  
 72.  $\text{I} \times 20$ .  
 XXX. H. wd, R. 5 m. H. wd & R. 8 p. SW.  
 XXXI. 11 p. H. wd, drille 8 m. *per tot.* cldy p. m. SW.  
 I. Jan. Warm, wdy, offering a. m. clear a. wdy p. m. SW.  
 73.  $\text{V} \triangle 9$ .  
 XIX. Close a. m. R. 2 p. SSW.  
 XX. 11 m. Windy, drille a. m. stormy and R. 8 p. &c. SW.  
 XXI. Wind stint a. m. open, warm, close, & f. drops 5 p. SW.  
 74.  $\text{I} \times 29$ .  
 IX. Close m. p. wd. SW.  
 X. 5 m. Rainy n. & morn. R. 7 p. H. wds Ely. W.  
 XI. NE. f. l. frost, close m. p. offer 10. m. open brisk wd. NE.  
 75.  $\text{V} \triangle 18$ .  
 XXVIII. Open, showr 10 m. 3 p. warm and fair SW. f. fog even. R. hard 9 p.  
 XXIX. 12. Rain hard 4 m. somewhat open. SW.  
 XXX. Frost m. cool, open, rain 4 p. fog m. R. 10 p. Wly.  
 76.  $\text{V} \triangle 7$ .  
 XVII. Snow m. fog, frosty. NW.  
 XVIII. 2 m. Severe frost. NW.  
 XIX. Frosty, fair. NW.  
 77.  $\text{I} \times 26$ .  
 VI. Fog m. & a. m. f. wetting, unless the fog only. E. NE.  
 VII. 9 m. Rain *ante* 9 m. dark a. m. cloudy p. m. and cool NE. SW, at n. *Meteors* III. two bright ones 10 p. windy, cloudy. SW.  
 VIII. f. rain 5 m. 9 m. H. wd and rain m. p. Sly.

§ 11. 'Tis not my desire to be voluminous, while I introduce both the Quartiles, but some probable suspicion of some difference of Effect under each prevail'd.

§ 12. For the comparison of the Quadrates among themselves, Reason would suggest to us a perfect *Parity* of Power and Influence, seeing they are the very same *Phases*, the same *Luminous Section* of the ☽'s body at the same distance, differing only in *Dexter* and *Sinister* Respects: unless the deformity of the ☽'s unequal Globe, perhaps, may occasion some difference in the reflexion of the Solar Light of one side, more than the other. Let that be inquired into by the curious *Selenographers*.

§ 13. Only in the 2d. Quartile the ☽ is too early for us, so that we have not attended the *Phænomena*, being gotten into the South by Five in the Morning, and not rising before Midnight, when 'tis time for us to observe our Pillow. If we had had some *Argus Junior* to have watched in the *Interim*, we believe we should have found some more Specialities under One Quadrate, which may not commonly be found under the Other.

§ 14. We must begin with the former, of which we have a full sight about Evening, being conspicuous in the midst of Heaven. Of these we know LXXXVI. Aspects; and if we enquire into the Sum of those who are found with a wet-footstep, who bring Moisture with them, we shall meet LXXI. so qualified. LXXI. of LXXXVI! Doth it not come near the Full ☽ in this Point? Here the difference you see is fifteen, and there, the difference was but twelve. *Cap. preced. § 5.*

§ 15. Speak we now to the number of Days 258. the Moiety of those Days 129. for this we produce you 143. moist Days, which will be accepted.

§ 16. Go we to the Correspondence of the Hour, *Anno 1671. Jan. VIII.* we meet with Weather *ante lucem*, the Aspect being near Midnight preceding *Feb. VI.* Snow found in the Morning; the Hour of the Aspect fell upon *hor. 7. Mat. March VII.* Snow offered, *hor. 4. post merid.* the Aspect *hor. 5. Octob. I.* morn. Stormy Wind. So *Nov. XXIX.* Rain considerable at the Hour 8 morn. *Then, Anno 1672. May XXIII.* Hottish Air, the ☽ being turned to Noon. *June XXI.* Winds at Midnight. *Octob. XIX.* Meteors within two Hours of the Aspect. *Nov. XVII.* Aspect *hor. 10.* morn. Rain *hor. 11. Post merid.* So *Dec. XVII.* *hor. 10.* morn. It rains at 7 morn. *Anno 1673. Febr. XIV.* Snow punctually at 9. morn. *Octob. VII.* *hor. 4. P.* Showres, &c. We pursue it no further.

§ 17. What store of smart Rains, or durable have we to plead for us weeping? Verily Forty Seven. As many as at the Full ☽.—Go thy way for an Aspect Astrological, Real, and worthy Observation. But seeing more goes to the definition which we hunt after, we must enquire what single Heat the Aspect brings, and there we find days so remarked but 13. which were very inconsiderable, but that the ☽ brings no more; for it shoves but 11. Hot Nights 8. and the Full ☽ but 5.—And 'tis not likely that any Omission in these instances (which being Excesses and Rarities, bring their Memorand with them,) should step in.

§ 18. Now, little did I think that our Quadrates would keep an infallible touch with us: I dream't or hop'd for such Authority perhaps in the New ☽, &c. Methoughts I should find one Month of the XII. at least, bring a perpetual dripping ☽. But as you see the Full ☽ is Emulous of that Glory, so are our Quadrates also, neither of them excepted: They both draw in the Lottery, and both speed. The former scarce misses in February: In May and November it brings not one dry Aspect. The Later Quadrate doth the same in June and December; yea, it adds a third Month, and that is *Octob.* Verily the *October* Aspect rains VIII. times in VII. years; for the Aspects fall sometimes twice in a Solar Month. So considerable an Aspect is the Quadrate.

§ 19. Briefly then, if the Quadrate, as it doth, brings its proportion of Warm or Soultry Days, of Rains, &c. If sometimes perhaps short of the ☽, sometimes exceeding; always bordering on the respective Sums found on those confessed Aspects; Nay let me add it as a Truth, Rain in some certain Months Infallibly; then the Quadrate is a considerable Radiation.

§ 20. And the Truth is, it is a brave Aspect, conspicuous in both its Terms; Beautiful, as a graceful Figure in an Heroick Dance, and more significant. For what observer is there, who having contemplated the Signal Distance of the



the Luminous Bodys, thus Aspected, is not taken with the lovely Spectacle, wherein, while one possesses the Height of the *Mid-Heaven*, the other is either peeping above the Brim of the *Hemisphere*, as it were in the sportive pursuit of his *Colleague*; or at the other end of the *Hemisphere* driving out of his Sight? *who*? I say, sitting upon some high prospect (the *Summit* suppose of a serene Hill) observing a Showre, &c. in the remote Valley, upon one or two instances repeated, will not be apt to suspect such *habitude* or Juncture of the Lucid Bodies for such Effect happening at that critical time? As to the Spectacle, we know that in the ☌ the Sun only shews himself, except, when sometimes eclipsed, the ☽ is also thereby discovered. At the ☾ the Moon is only conspicuous: but at the Quadrates both (as we have said) appear on the Stage.

§ 21. Now, if any shall impeach this Fancy of some Vanity, upon the account that the Trine and Sextile are equally conspicuous, upon the same Co-appearance of the Terms: I answer, yea, but the distance is not so signal, so notable, so Angular, Measuring out, like to two Landmarks, the Body of the Hemisphere; the ☽ shining early in the Mid-Heaven about ☉ rising in the *Last* Quartile; as the ☉ in the Mid-Heaven when the ☽ rises in the *first* Quartile. For if the Full ☽ shews the whole distance of the Hemisphere, the Half Moon measures out the Half, Midway, the *Semidiameter*.

§ 22. Let us see how near the 2d. Quadrate can come in these particulars, if it doth yield a little to its elder Brother, yet it may be a Brother still. But I see no great precedence. The Reader may justifie, or at least bear with me for introducing the Later Quadrate Table, seeing contrary to Nature, it claims an equality; yea, in some cases an upper Hand.

§ 23. It comes short in *Moisture moderate*, it scarce comes short in *violent Rain*; it seems to be equal in Windy; in *Stormy*, never trust me, it exceeds; as 43. doth 34. and therein equals at least, the New ☽, if not the Full. Doth it not exceed elsewhere? Verily it appears to be the warmer Aspect; it brings fewer Frosty Days or Mornings; more Mists and Fog; for as for *Halo's*, we have desired to be excused for observing them under the 2d. Quadrate; (which may be as frequent here as any where else.) But Astronomers must Rest. Add more excesses of Heat, more Trajections, and in fine more *Thunders*; wherefore the later ☐ is the warmer Aspect.

§ 24. But this is better seen in the following Synopsis of each Table.

☽		☉		☽		☉	
☐ First.		☐ Second.		☐ First.		☐ Second.	
Cold and Frosty							
Morn. or N.	68.	66.		Trajections.	13.	11	
Frosty Days.	45.	31.		Warm.	37.	33.	
Lowring or Close.	53.	36.		Winds.	83.	77.	
Mist, Hazy.	52.	71.		Winds change.	71.	53.	
Grosser Fog.	19.	29.		Winds stormy.	34.	43.	
Fila.	1.	0.		East.	56.	35.	
Halo.	6.	0.		West.	56.	42.	
Hot Days.	13.	24.		North.	36.	41.	
Nights.	8.	3.		South.	29.	20.	
Lightnings.	4.	6.		South-East.	19.	17.	
Rains.	143.	132.		South-West.	73.	103.	
Violent or Durable.	47.	42.		North-East.	42.	37.	
Snow.	17.	11.		North-West.	24.	40.	
Hail.	2.	4.					

§ 25. On

§ 25. On the view of this Table the choicest difficulty is this, How the later Quadrate can be appointed for the warmer Aspect, when as it gives Evidence for stormy Winds more than the Former; since we have pretended in the precedent Chapter that the Full ☾ is more stormy than the New, because it is somewhat the cooler Aspect.

§ 26. Resp. Besides, that I no where say 'tis the only cause. I reckon at present that there are various degrees of cold in stormy weather, wherefore if the blustering under the later ☐ be warmer, than either the blustering under the Full, or the First ☐, the difficulty is solved: Stormy winds generally are warm, even those, they which bring Hail excepted, which happen in the Night; therefore I did not say cold must be Predominant wherever there is stormy winds; or that it was Predominant in the Plenilunium; I do confest to remember some rustling blasts that have brought Frost with them; but even those rarer Flaps were not stormy, because Chill in an Intense degree, but because as chill as the exhalation was, it was Over-master'd by a warm one (positively) or warmer (Comparatively) though to us perhaps not so sensible.

§ 27. Now that the Later is warmer hath been made out, concerning which we have more to Add, to countervail some suspicions which may arise to the contrary from the Styles of Warmth, Wind, West-Wind, &c. which found in the Column belonging to the First ☐, seem to surpass those of the 2d. as in warmth 37. surpasses 33. and in Wind 83. outgoes 37. and lastly, 58. in the Western point of the Winds outgoes 42. but the Excess is scarce valuable in the two first; and the later will vanish, or at least be swallowed up, we may see, by the South-west wind, which appearing but 73. in the first, shews 103. in the later Quadrate. And to Confirm you that the later is more tepid then the former, remember I pray, where the ☾ is in this later ☐ at Mid night, When the Natural day begins, it rises: At Sun rise, when the Artificial day commences, 'tis aloft in the South point. Now, it stands to reason that the Air should be warmer, when there is a lower degree of Warmth premis'd to a greater which follows.

§ 28. Now if this warmth is not perceptible to us, it may be sufficient 'tis perceptible in consort, when the Sun and all the rest are risen. I cannot perceive the strength of one Horse to the draught of ten thousand pound weight, Bring the rest of the Team and I shall perceive it. That will be believed rational, when you observe that warm is the day when the Sun, the chief rises last, because in the Case we suppose, all the Rest have risen before, and temper'd and prepar'd the Air for that measure of warmth which succeeds.

§ 29. Verily the ☾ is Vice-Roy to the Sun, and keeps her Court, and mounts her Throne, and makes her way as well as the best, when she is Aspected, she is commission'd to act such and such things in such a Post, and for her own part seldom fails.

§ 30. Again, is not the Western Angle, according to the Doctrine of the Antients, a warmer corner than the Eastern? Let the Favonii, the Tepid western Winds witness that, with their warmer fruitful showres, while the ungentle East-Wind is accompanied with unkindly Drought, with unwelcome Appearances of Fogs, and Frosts, and blastings. A little meditation will give us the reason a priori, Whatsoever Efficacy lyeth in the Horizon, (which Efficacy must be supposed without dispute) from the East the Stars every moment forsake that advantage more and more, as it were in hast toward another Post, while the same Stars, be they more or less, having pass'd the Midheaven, every moment draw nearer and nearer to the Horizon, and so proportionably, the contrary whereof is found in the Eastern; the West, stay, filleth, by what the East Emptyeth; the West being the Receiver, while the East is but the Conveyance. Now the ☾ in the last Quartile possesses,

lesses the *West*, while the ☉ is confin'd to his *Eastern Quarter*: Both being present in their several *Quarters*, must needs shew some effect answerable to their *Co-Existence*, as we see in the *Lunar Conjunction*, which being rightly compared with the *Quadrate*, will give some Light to the *beats* of the *Quadrate*, which are found to be equal, nay surpassing those of the *Conjunction*, as an *Angle* is more potent than a *Line*; the *Lunar Light* being obverted towards us in the *Quadrates*, half part at least, which in the *Conjunction* is reflected from us toward the *Sun*.

§ 31. And this Doctrine is so true that if I mistake not, we shall by these Tables observe more weather, winds and Rain in the *Afternoon* of the day, than in the forepart, though both have their share too. For the further prosecution of this Mystery, let me put this Question to my self, *Whether the Quadrate Aspect hath any Influence, when either of the planets concern'd, or both, are under the Horizon?* And though I was long e're I could be brought to it upon my imperfect Theory, I find by the survey of our Instances that we must affirm the Question to the no small Credit of the *Aspect*, which hath a considerable duration, and Influence suitable. For not only the Noon-Tide, and the past Noon Hours, and the hours of the Sun set, but even the Hours before Noon, yea, and *ante lucem*, and also the Hours *post occasum* too, are at the *Aspects* disposal, from *Sunset* to *Midnight*, as from the preceding *Midnight* to *Sun-rise*, are comprehended in the embraces of the *Quadrate Aspect*: as must be acknowledged by them who well observe the Tables. Thus Jan. 8. 1675. we find it rain apace, *hor 9 p.* and *hor 11 p.* die 23. 24. to Feb. 7. 1671. missing 8 p. Die 25. 1672. Rain, *Hor 9 p.* Die 14. 1673. Mistle 6 p. Die 11. 1676. Rain, *hor 7 p.* March 26. 1672. great rain, *hor 9 p.* Die 4. 1674. Snow, 7 p. to April 10. 1676. Rain 3 p. &c. meaning beyond Bed-time. Die 30. 1677. Rain from before Noon to *Midnight*, May 1. 1674. a wet day, and over-wet at night. Again, die 3. rain 5 p. and *Midnight*. Die 28. 1677. Rain 5 p. 10 p. and *Midnight*. This repetition of *Midnight* speaks what we would say: For at *Midnight* as the Sun must be in the *Nadir*, so the ☉, link't in radiation with him, must be about her setting. So if we go on but two instances farther, we shall meet with Lightning and Thunder at 9 P. et 12 P. June 27. An. 1677, and elsewhere for the pursuit of this observation is worth the while.

§ 32. But stay, if the ☉ be setting at the Hour of *Midnight*, then one of the Planets concern'd are not as yet below the *Horizon*,—I grant 'tis not, but I must profess it is wonderful to me that ☉ should be so neerly clasped to the Sun by the *Quadrate Aspect*, that it should be effectual where the *Solar Beam* doth not meet it on the Surface of the Earth, as at Noon day, where there is advantage of Reflexion also. But the Sun being in the *Nadir*, uniteth it self, with the Ray which passeth cross from East, direct to the Opposite Arch. Such is the Force of a *Right Angle*, or rather of the Rays so *Coincident*.

§ 33. Well then, after the Hours of *Midnight* the Sun quitting the *Nadir*, and the ☉ wading under the *Horizon*; Here is the *Pinch*, Hath the *Quadrate* (we speak of the First only for brevities sake) any blind un-dreamt of Influence, when neither of the *Luminaries* Aspected are visible? Resp. It seems so; By all the weather that I find *ante lucem* under the first *Quadrate*, and that will be sufficient to establish our Opinion. Thus at the very entrance of our Table we find, (to let alone Mists) Rain, and again high winds *ante lucem*. Jan. 7. and 8. 1671. much hoar frost, Jan. 6. 1674. an instance to be regarded as I find since, though I fear I neglected it many times, as a slight Observation (but the true Philosopher slights nothing) Feb. 6. An. 1671. Frost, Snow found in the Morning, it fell then *ante lucem*. May 24. 1675. Rainy Morning, that is before Sun-rise. June 19. 1675. high wind *ante*



lucem, and die 9. Rain 3 m. An. 1677. July 27. Showres 3 morn. August 28. 1674. Rainy 2 in the morn. ad 8 m. Sept. 8. 1673. wind Nocte tota, Rain ante lucem. Sept. 15. 1675. die 5. 1676. die 22. 1677. Octob. 6. 1673. Octob 27. 1674. Rain and wet morn. most part. Nov. 24. and 26. Snow, ante lucem. 22. An. 1677. Snow found again morn. Dec. 13. An. 1673. much rain 5 m. Dec. 20. An. 1676. Snow ante lucem.

§ 34. It may be said these *antelucana* may be imputed to some other Stars which emerge above the Horizon, and so are more present to their effects. Verily I was aware of that, as ♀ or ♂, of which one often rises before the Sun; but upon search I do not find it is always so; no, not upon the 2 first Instances, where ♀ rises not time enough to cause rain before day, seeing it rises but deg. 5. before the Sun: yea, in after Instances both she and ♂ rise after day. I grant this happens not so frequent as at the Hour of Sun-rise, which is more obvious and more pleasant to consider, because more punctual and with greater variety, the Sun altering his Hour according to its Month, but yet that it is so here in ☽ as hath been said, I have reason to suspect what the second ☐ doth in this nature, see § 38.

§ 35. *Jofrancus Ofhusius* an inquisitive person in his Book *de Divina Astro- rum facultate*, hath taken upon him to some good purpose, to examine the Principles of the *Vulgar Astrology*; where he foundeth with us the Basis of the Quadrature Aspect on the Right Angle of the mutual radiations conspicuous in that Aspect: but then withall he seeth not how it can be efficacious, but at those precise times, when one of the Luminaries is possessed of the Mid-heaven, at the moment of the others Situation in the Horizon. I am glad for true *Astrologys* sake, that so much is allowed for unquestionable: Our Tables being witnesses to that nice Truth, as in part we have manifested in the Premises. But it appears also from the same Evidence that the Aspect brings weather with it at other hours of the Ante-Noon, and Post-noon more especially: yea, not seldom also for half the day, if not the entire 12 Hours: which doth proclaim a continued Influence though not discovering it self so signally, but at some particular times.

§ 36. Yea, but how can this be, for on the Meridian only the Ray seems perpendicular, to which I ken not what to say, unless this, that though on the Meridian the Ray is to us Perpendicular, yet at other times it is also Perpendicular, if not to our Meridian Terrestrial, yet to our Terrestrial Hemisphere, as long as both of them are seen by us within our Horizon, keeping a right Angle. For the Lines of a right Angle protracted, pass the Center of the Earth, which I remember to be the definition of a Line Perpendicular: Let us not mistake, the Rays of a Quadrature Aspect are not always vertical, but yet they are always to the Earth Perpendicular.

§ 37. Howsoever for the ☽, that the Quadrature brings Rain at Noon, Afternoon, and most part of that Afternoon, yea, the greatest part of the Day, let this little Table be our Monitor.

Noon.	18.
Afternoon.	61.
The whole After- noon.	310.
Whole Day.	5.

Noon.	18.
Afternoon.	47.
Whole Afternoon.	8.
Whole Day.	9.
Ante Lucem.	30.

§ 38. Here we should have concluded, but what I have hitherto passed by in the ☽ and ☿. I am enforced not to dissemble in this Aspect, though it may seem not directly to belong to Astrologers, to treat of Do-  
lors

Dolors and *Diseases*. But seeing these Phenomena of our little world do principally relate to the Stars and their Aspects, whose *Influence* thereby is not only *illustrated*, but also are renewed upon us by a dayly remembrance, we present this following Account for 2 or three years, consisting of indispositions; some more trivial indeed, as the Aches of our Feet; some more grievous: Among which we could have inserted the *complaining* noises of *Birds*, which are confessed an Evidence of the Mutation of the Air, (as we have said before) and indeed arising from some disposition of their bodies in Sympathy with ours. But they being omitted, let us at present observe our own *Complaints* rather at this time.

Anno 1671: Dec. 27. *Hysterical fits.*

1672. Jan. 28. *Aches of Limbs and Feet.*

1673. *Several Children complain of Ailments.*

July 7. *Aches in Limbs.*

Nov. 4. 5. *Hysterical fits.*

6. *Aches in Limbs.*

Anno 1674. Feb. 3. *Distempers.*

March, 5. *Pains in the feet.*

April, 2. *Children complain.*

May 2. *Children complain.*

*Aches.*

13. *Aches again.*

June 1. *Children, Aches.*

30. *Aches.*

July 29. *Aches.*

Aug. 28. *Indispositions.*

*Hysterical.*

Sept. 25. *Children sicken.*

Nov. 26. *Aches.*

Nov. 25. *Aches.*

Dec. 25. *Aches.*

An. 1675. Feb. 22. *Headach, Hysterical Fits, Aches in Feet.*

April, 21. *Aches, Children sicken.*

May, 21. *Aches.*

Dec. 13. *Children complain.*

An. 1676.

March, 12. *Pains in the Feet.*

May, 10. *Pains in the Feet.*

April 10. *Headach.*

Sept. 3. *Aches and indispositions.*

Oct. 3. *Pains in the Feet.*

Nov. 2. *Pains in the Feet.*

Dec. 2. *Convulsions.*

An. 1677.

Jan. 30. *Remembrances of the*

31. *Gout.*

Feb. 22. *Aches in Limbs.*

March. 1. *Aches in Limbs.*

April. 29. *Indispositions.*

May, 27. *Gout.*

Aug. 24. *Indispositions, Gout.*

Oct. 23. *Sickening of Children.*

Sept. 23. *Gripes.*

24. *Indispositions of aged Persons.*

§ 39. So have you a little *Hospital-Bill* of Dolors happening at, or within the verge of the *Square Aspect Soli-lunar*, which justifies the old observation, and those *Good Men* who in other places have born such witness to the Influence of this Aspect. Honest *Piso* among the rest, whereby the *skilful* in *Medicine* may be convinced of the *Lunar Power* over our frail Bodys, the more conspicuous indeed, where the greater frailty, but as sure and certain even in the most sound and healthful constitutions; the best of which have some Flaw or Breach in their Texture.

§ 40. And there is no avoiding this Evidence. I find indeed a remarque Jan. XXXI. 1677. of a fit of the Gout, noted precisely at *hor 9. vesp.* at what time as I suspected, I found that *Mars* over and above what the Aspect Lunar could do, was posited in M. C. and Febr. 3. 1674. I made a greater Observable, of Distempers happening *hor 6 m.* at what time *u & d* were all together; and again, *hor 10 p.* the *d* having got to the Pleiades, Distempers returning. All which I *vow* to be no contemptible Observations; and say, that 'tis possible for a Physician by these Methods, to be aware of his Patients *Paroxysm*. But this notice of other testimonies, is not intended at any hand to exclude the Lunar Aspect, other causes may help to irritate that Passion, which the *d* in Square to the Sun inclineth to.

§ 41. Seeing

§ 41. Seeing then this Quartile Aspect hath power on Humane Bodys, and is undeniably a *VIIth*. and that a critical day, it may be expected what I would say to the Question, whether every *VIIth*. day, whether it fall in with the Aspect or not, as the *Physitians* will have it, may be *Critical*, and if so, whence comes so strange a faculty? Nay, if the *Physitians* ascribe it to the Heavens, we are like to go along with them. The Cause is Celestial, saith *Sennert*, quoted by the Learned Dr. *H. More*; for at the First assault there is a  $\delta$ , as it were, of the  $\gamma$  with the Disease, when the Sick man's Month begins, where on the VII. day, from the first complaint of the Patient, the  $\gamma$  comes to the *Square* of that point of Heaven, where the Morbifick Conjunction began. And is not this reasonablen to believe, when even in *Pestilential* Diseases, where there is least discretion of *Critical* days, the Influence of the  $\gamma$  confessedly appears; not only on the Aspects of the  $\gamma$  in the *Macrocosme*,  $\delta$  &  $\square$ , but also whensoever, as it pleaseth God, any Person is taken sick, the whole Family is shut up for the space of a *Month*. The Sick Month, the Patients month commencing at the first Indisposition complained of. Consequent to which 'tis observed oft times, that the residue of an Infected Habitation, who perhaps have continued in Health, do often drop down one after another within a *Fortnight*, or a *Week*, or sometimes a *second Month*.

§ 42. To refer this to the *Periodical Course* of the matter, as *Cardan* doth, whom of all Men in the World I thought would nee'r have deserted his little Demi-Gods, the *Planets*, is not satisfactory to any, but those who are great Haters of Superstition. For the *Quere* which asks how such a day is *Critical*, enquires how the matter comes to such a Period? and the Answer is, because it doth. The very word *Periodical* shews that it depends on the Heavens: For though I shall never go so far with *Bodin*, to admit a Period of States and Kingdoms govern'd by the Heavens, yet, with honest Old *Galen* I aver, that these determinate times are measur'd by the  $\gamma$ , yea, *Life* and *Death* it self, and all *Paroxysms* of Feavers, and other indispositions, of which some are mentioned in the Table, (suppose the Patient be under a due Regimen) are to be ascribed to. I do not say the Moon always, but to some or other Aspects and appulses Celestial.

§ 43. It will be said again, that whatsoever may be found in the *Soli-Lunar* Aspect, there is no such *Right Angle* to be found in this Imaginary  $\square$  of  $\gamma$ , related to its position at the first seizure of the Malady: The  $\gamma$  cannot be in two places at once, and the place where the first was in the sick account is now void of any such *Radiation*. An Angle must consist of two Lines; *Resp.* 'Tis true, the Moon hath left her first place by her Profection to another; but the Objection supposes the place to be a dead place, a dull unactive part of the *Zodiack*: but the Moon, and the Patient felt it otherwise, when she came thither first, she found Stars, or whatsoever else there may be, as it were in *Watch* and *Garison*, according as they are posted in that part of the Orb. And why may not the Radiation of these Stars be in *Square* to the Radiation of the Moon? And this may be fairly said, although I should freely confess that I never yet observed the *Fixed Stars* in  $\square$  Aspect to the Sun, (except the *Pleiades* perhaps, or some other such *evenson*) to have any such irritative faculty; though again that very exception of the most notable *Asterisms* sheweth, that every Star hath such Power, though not so sensible.

§ 44. But then, will not this let in all the *Vanities* of the Genethliaque pretension? Their Directions, Receptions, &c. a *Resp.* This can only infer, that upon a right process, some *Conjecture* may be given as to the constant Health or *Sickness* of the Native, or, (which will content them) some inclination thereto: more especially, if the Learned Physician (suppose/should be



be acquainted with the Temper and Carriage of the Party; and that is the most can be made from this Doctrine. *Natura amat Septenarios*, saith the Physitian (*Riverius in his Praxis*) and we must believe them in their Art: But there can be no force in abstracted, *Ideal Numbers*; So I believe, yea, that neither *Philo-Iudeus*, nay, nor *Plato* ever intended it. I do not believe I say, the Story of the Sabbatical River, or that the Sun shineth in Rhodes, always on *Wednesday*, because That was the day of his Creation; (as the *Jew* answered the Philosopher, in *Purshas*) no more than the Vibration of the X. Commandments is to be shewn in an ordinary Apple; yet I must needs say I do not know but that God hath imprinted on the Universe, and the parts thereof, some *Memorands* or *Signatures* of his Creation: There is no question, but that there are Umbrages of his Glory in *Light*, his *invisibility* in the *Air*, his *pure Act* in *unceasing Motion*, his *Eternity* in *Circular Figure*; why may not some obscure Impressions and Memorands of his Oeconomy in the Worlds Creation, be left to us to be picked out of the *Septenary*, which seem to be observed by himself in the *Levitical Laws* of the Leper, and the *Menstruals*, yea, and our present *Septenary* of the place of the *Moon*, which, as we have heard, and dayly see, runs from her *Month* to her *Month* by *Septenaries*.

§ 45. *Septenarius est numerus perfectionis in Scripturis*, upon the account that the Heavens and the Earth were perfected by that Day, say Interpreters, who are far enough from Superstition, whether the *Pythagorick*, *Cabalistical*, or *Rosicrucian*, viz. *Jurins* and *Ainsworth*. Now the first Seventh day of the World, and the first Quadrate Lunar Phasis (it would have been well for *Chronology* if it had been perpetually so) were coincident, being created, as all agree, in the State of the fourth day.

§ 46. After all, though it is said probably that the *Critical Day* acts as a *Quartile Aspect*, yet we do not say that the *Aspect* operates as *mysterious* or *Critical*, for setting aside all intrigues of Numbers, there is reason why the *Quadrangle* should operate upon *Humane bodies*: though we are beholden to the *Astronomer* for his warning, viz. that the *Lunar Globe* according to *Theory Astronomicall*, see *Gassendus institut.* is nearest the Earth when in a *Square Aspect* to the Sun, than in any other Phasis.

§ 47. To conclude with our one business, for confirmation of the *Lunar Influence* on the Change of the Air, Observe that whereas 'tis true, one *Quadrangle* alters the Air *infallibly* in such a particular Month: such estimation might be better taken from the place, the Sign where the ☾ is rather than the time, the Month *Lunar*, or *Solar*. And so it will appear that several of our *Squares* may be *effective* 6 times in 7. of which senary number, Four only may be found in the *Solar Month*, and the other two in the Month following. Such are in the first *Quartile*, of Those in the Month of *April*, the first ten days of *May*, In *May*, and the First 10 days of *June*, in *July*, *August*, *October*. But in the later *Quartile* for *April* not so, but in *May*, *July*, *November* 'tis so. It will be more exposed to view in a Table. Thus then

Loc. $\odot$ D.	$\square$ 1.	Success. Return.	Loc. $\odot$ D.	$\square$ 2.	Success.	Return
$\approx$ 8 Jan.	—6.	VII.	$\approx$ m Jan.	—5.	—	VII.
$\times$ II Feb.	—4.	VI.	$\times$ 2 Feb.	—5.	—	VII.
$\vee$ 5 Mar.	—4.	VIII.	$\vee$ 6 Mar.	—4.	—	VI.
$\delta$ 1 Apr.	—6.	VII.	$\delta$ 2 Apr.	—5.	—	VIII.
$\Pi$ 12 May.	—6.	VII.	$\Pi$ 13 May.	—5.	—	VII.
$\S$ 1 Jun.	—7.	VIII.	$\S$ 2 Jun.	—8.	—	VIII.
$\Delta$ 1 Jul.	—6.	VII.	$\Delta$ 2 Jul.	—6.	—	VII.
$\eta$ 2 Aug.	—5.	VII.	$\eta$ 3 Aug.	—4.	—	VII.
$\triangle$ 3 Sept.	—7.	VII.	$\triangle$ 4 Sept.	—8.	—	VIII.
$m$ 1 Oct.	—6.	VII.	$v$ 1 Oct.	—7.	—	VII.
$z$ 1 Nov.	—5.	VII.	$z$ 2 Nov.	—6.	—	VII.
$v$ 1 Dec.	—6.	VIII.	$v$ 2 Dec.	—5.	—	VI.

What remarks may be made on the signs and their mutual couplings, must be discoursed of after : At present you see some Quadrates successful in their Influence for Rain or Snow 6 times in VII. Revolutions, yea 7 times in VII. and 8 times in VIII. and this is pretty fair.

### CHAP. XVI. $\Delta \odot$

§ 1. 2. The Phasis seems gibbous and deformed. 3. A Triduum required to its consideration. 4. Semisextiles and Quincunxes inconveniences. 6. The Trine equal, yea, more potent than the Square. 9. Demonstrated from excesses of Weather. 10. The compendious Summary of the Table. 11. The greatness of the Aspect made out by Comparison with the Aspects precedent. 13. Tusses, or Colds Epidemical not without Celestial Influence. 14. Other Singularities in Tides and Ebbs. 16. Winds shift round the Compass. 17. and 18. The first Trine of September and December, and perhaps March never fails. The Second Trine in February, March, September, October alike successful. 19. Trines apt for Tempest. 20. 21. Their Energy founded on a right Angle. 22. A Trine more tempestuous than a Square, the reason of that Paradox, the Antients teach it not.

§ 1. **T**his Aspect though it carryeth not such a Name among the vulgar, the Phasis being not of so easy an Ocular designation as the Quadrate, may yet be brought under a Familiar Cognizance by it's Gibbosity, when the  $\odot$  is not compleatly Orbicular as at the Full, yet illuminate beyond the halfe Phase ; By reason of the dark different Section seems Broken in the back, representing a kind of Tumour in the illuminate part.

§ 2. A Phasis of some Deformity or irregularity which it may be, is easily discerned in the later Trine, to my thinking ; the reason may be because things that are then past Prime, when compared with their lately enjoyed Perfection, do abate of their Grace, or Lovelines, by discovery of some defect or ill feature ; which before was either not existent, or palliated. As deformed as it is, it must not be disrespected, when we know the Quality and Worth of the Family, which must be put into the balance with all other defects which may be alledged.

§ 3. This Quality of the Aspect should be derived from its proper Table, wherein we had also produced Three days toward the Comprehension of the Influence. For however some one of the Days may enterfere, (as we have said, *Cap. preced.*) with the Neighbouring Aspect, yet at no hand do we run foul (as in the case of *two Women* claiming Marriage to the same Husband) on uncertainties, but we give each Aspect their Right, by *dividing* that term of time which seems to be *common* to both. Thus, to give an example, *April VII.* and *Novem. XXX. An. 1671.* seem to be claimed by both the *Quartile* and *Trine*; yet so, that the *Afternoon* only shall belong to the *Trine*, and the *Morning* to the *Quartile*, One coming on, while the other goes off. But neither are we driven to this, except only when the  $\Delta$  is in the *swiftest* Course, when she runs *grad. 15.* in twenty four Hours, at what time she must seem to *huddle* from one Aspect to another: but *ordinarily* it is not so.

§ 4. Some of the *New Aspects*, 'tis true, are for the most part suspected; because they are *stinted* to so narrow a Confine, that if they do but in the least move forward, they must necessarily *trespass* upon their Neighbours, beyond all possible distinction. So I remember, *Kepler* being overborn with *Semisextiles*, *Quincunxes* mixt with the *Antient Aspects*, is forc'd to cry out; *In tanta turba, quis ovi cuique matri suum seliget agnum? ad Dec. 1627.* But in the *Antient Aspects* we are never at such a loss, we can give account for each day when it is required. Notwithstanding, as it is ridiculous to *confine* Aspects to an *indivisible* point, for so they would never have bin discovered to this Hour, seeing *Calculation* modestly confesseth she hath not bin able to assign the Critical Moment, so it will be as nice and superstitious to determine the *measure* of their *Tenures* to such an exactness; which if it could be done, where of no use in Nature, I boldly say: whereupon this consideration helps to acquit our Tables which assign three days to the Aspect, in case an Aspect holds at some considerable, yet undeterminate time, above one day.

§ 5. Not that we would make the  $\Delta$  *continually engaged* all the Month round, for so no day on the  $\Delta$ 's part will have any thing to it self peculiar above another. We have made distinction of the  $\Delta$ 's *swifter* and *slower* Motion; a *continued* engagement may appear at sometime under the *One*, and *scarce* under the *Other*: The  $\Delta$  swiftly moving from a *Square* to a *Trine*, may, for all I know, be engaged all that while, *not confounding* the Aspects; but *continuing* the Influence; as the *Celerity* of a *Boat* is continued by a *successive* dip of the Oar, the Motion received at the preceding Immersion being *slackned* indeed, but *not utterly extinct*; However it be, 'tis all one to us, who will impute the *Celerity* to the Impulse immediately preceding.

§ 6. Verily these *Trines*, we will not say that they *are*, but we say that that they *seem* to be equal to the *Squares*, and that is something of News, it may be, since no less than the *Norimberge* Diary thinks it will not quit cost, when it notes the *Quartiles constantly*, to note the *Trines* once or twice in a year.

§ 7. But what do we *mince* it with such moderation, like happy Gamblers talke awhile of *hopes* and *probabilities*, when they are sure of the Game in their Hand; we say, for all we know (the *Quartiles name* is up, 'tis true) That of the *Trine* is the more potent Aspect. Let the Board Judge.

§ 8. The Table here might come in, but since we present you with a compendium of it, we may be dispensed with upon the account of brevity, We will only remark some heights and excesses which call for attention here and there.

§ 9. As



§ 9. As, first, in the County of *Sussex*, *An. 1671. Sept. III.* we meet with *Thunder*, *Rain*, and so much *Wind* as tore up *Trees* by the *Root*. Yea, again, *Decem. XXX. XXXI.* Tempestuous Night and Day, when there was a general concern for those at *Sea*.

Next year *An. 1672. July XXIV.* and *XXV.* it blew so hard that the lowness of the *Ebb* in the *River Thames* presented the *Shelfe* before *St. Mary Church* above 150 paces in length. *Decemb. XIX.* and *XX.* News of *Flouds* in the *Country* by reason of *Winds* and *rain*.

*Anno 1673. February XVI.* and *XVII.* Turbulent and tempestuous Blasts, such as shatter'd *Windows* and bent *Iron*: (an Effect of *Tempest* which I have not met with more than once.) *An. eod. Sept. X.* Very high *Wind*. *Sept. XI.* Furious *Wind* all the Night preceding, and day following three Houses blown down in *Covent-Garden*. Besides, *Octob. XI.* very high winds again.

*An. 1674. April VII.* windy, not expressed in our Table; but Storm at *Lyn-Regis*, with much *Shipwrack*.

*An. 1675. May XXIV.* and *XXV.* *Rain* and *Thunder*.

*An. 1676. August IX.* High *Wind*, *Tide* as high, or higher than at the *Change* and *Full*. Again, *Sept. VII.* and *VIII.* Gusts of *Wind* here. Very high *Winds* at *Okham* in *Rutland*, so general was the Constitution.

*Ann. 1677. August XI.* Turbulent and Windy. So day *June I.* great *Dash* of *Rain* and *Hail*, with *Lightning* and *Thunder*. Again, *July XXIX.* High *Winds*, *Showrs*, *Thunder*. *August XXVII.* High *Winds* and often darkish. What if I should go on, and bring it home to our very doors, to the year 1681? Thus then it accords, *An. 1678. March 22.* *Winds* very high. *Jan. XIX.* *Thunder*, *Lightning*. *August XVIII.* *Wind* high.

*An. 1679. Feb. X.* High *Wind*. *XI.* High *Wind* with us, and on the same day, a most violent Storm, as hath bin known in *Mediterranean* (*Gazet. Numb. 1388.*) *July VIII.* Gusts of *Wind* with *Rain* and *Thunder* at *Stoken-Church*. *August VI.* Heat, Storms with *Rain* and *Thunder*.

*An. 1680. Jan. XXX.* and *XXXI.* very Tempestuous. *Febr. XXVIII.* very high wind and cold whiles on the same day at *Cologne*, *Lightning* fell on the Church *St. Ursula*, not without Damage. *Merc. Angl. Numb. 33.* *June XXV.* Soultry with us. At *Venice* some Persons slain by *Lightning*, *Gazet.*—And *XXVII.* *Thunder* and *Lightning*. *August XXIV.* High winds, great *Rain* and *Thunder*. *Sept. XXIII.* Great *Rain*, and at *Dover*, *Thunder* on the next day at *Madrid*, *Rain* and violent *Thunder* and *Wind* (as saith the *Gazet*) not expressible.

*An. 1681. April XVIII.* High wind. *June XV.* great Storm of *Hail* and *Rain*. *July XIV.* and *XV.* *Rain* and High *Wind*. *August XIV.* *Thunder* and *Rain*. *Sept. XIII.* High *Wind* by gusts. *Octob. XII.* High *Wind* at Night, at *Yarmouth*. *Decemb. X.* Windy. On the same day the *Sea* by a Strong *S. W.* broke up the Banks, &c. Tempest at the *Sea* for several days: of which number be days *X.* and *XI.*

The other  $\Delta$  is so like this, that it is the worse, as we say; let us read therefore with some attention.

*An. 1671. Sept. XII.* Terrible Tempests of wind and Rain, a 4 m. ad 11 p. much *Shipwrack*. *XII.* Ships broken in the *River*; Fourteen *Sail* cast away on the Coast of *France*. Inundation at *Lyn*. The *XIII.* little better. *Novemb. IX.* great boisterous *Winds* worthy it seems of the *Gazets* Notice.

*An. 1672. I. II.* High *Winds* nocte tota. The same day, the *East-Indies* were tempestuous at *Tywan*; yea, the next Trine happened to be High *Winds* with us. *Octob. XXIX.* Then *Decemb. XXVIII.* High *Tide* on the *Thames*, ready to run into *Westminster-Hall*.

An.

An. 1673. May XXV. at London Wind and Wet. At Warwick Storms, Rain, Thunder, and Lightning. June XXIII. at Harwich, again, Rain, Thunder spout like a Pyramid, which broke beyond Land-Guard-Fort. Sept. XXI. very wet *nocte tota*, and High Wind; Whose Fellow Trine, you have seen hath blown down Houses.

An. 1674. Jan. XVI. very high wind with us at London, on the same day a Ship lost on the Goodwin. XXVII. day, vast Floods by Rain the days precedent. May XV. Bright, hot, some Thunder, as the Water-Men informed me.

An. 1675. Great Hailstones, high winds and Thunder near Windsor. Jan. I. In the same year, the end of Dec. was stormy when it came to the Trine. What News, day XXVI? Every day say they at Plymouth, brings an Account of great losses at Sea; and all those Coasts are full of wreck. High Wind was noted with us, with a great Storm of Rain. The XXVII. also was noted for breaking of Tiles and Glass-Windows. And on this day also we have noted, Report of Vessels cast away.

An. 1676. Feb. XXIV. Tempest. June XIX. Lightning at 3 M. and 10 M. Harmful at Putney. XX. Rain and Thunder at 3 M. July XX. Lightning and Thunder-claps, no less than thirty three.

An. 1677. March 15. High wind. Ships cast away by Storms, and Thunder between Cales and St. Lucas. July 8. High Wind and Thunder.

An. 1678. June XI. High Wind, beat the Tiles off again. May the I. High Winds, *nocte tota* windy and Rainy, sad Maying. July XXVIII. Thunder, showres. Thundred 7 or 8 times. Aug. XXVI. very hot, Thunder heard *ante horam* 2 P. Sept. XXVI. High winds and Rain, November XXIII. and XXIV. wet, but very Lofty Furious winds &c. So I hope I lye under the Protection of, &c. and go no further. These Instances shew, though there be but One or Two in the year, that a Trine is apt to admit such memorable violences, the Peer whereof is not easily found in the Quadrate, &c.

§ 10. But what of the other Instances, if we with-hold our Table, we cannot be suffered to with-hold its Compendium. Then thus have you

	$\triangle$	$\triangle$		$\triangle$	$\triangle$
	1.	2.		1.	2.
Cold, Frosty, Entire. —	26.	16.	Tempestuous. —	4.	6.
Frosty Mornings. —	29.	47.	Thunder. —	5.	9.
Fog, Gross, and Thick. —	17.	26.	Winds. —	102.	91.
Misty Air. —	47.	34.	Winds various. —	43.	43.
Hail. —	0.	3.	Tempestuous and Stormy. —	44.	31.
Halo. —	3.	6.	East. —	42.	44.
Hot. { Days. —	25.	16.	West. —	31.	49.
{ Nights. —	5.	3.	North. —	28.	27.
Warm. —	37.	31.	South. —	35.	21.
Rain. —	155.	162.	North-East. —	34.	34.
Rain violent or Durable. —	48.	57.	North-West. —	21.	27.
Snow. —	12.	13.	South-East. —	20.	26.
			South-West. —	90.	69.

§ 11. So if I have adventur'd to call it a great Aspect, I have not done amiss, for though I have said as much of All the rest hitherto, yet I may properly enough term This so too. For the Other, I asserted against those who deny such Realities; and now I assert this among those who confess the Rest, and take no great notice of this. Why? What is the matter? Experiment of Nature is not at my beck, nor is our Table, though it hides the Head, a Forgery.

gery. See here some Strictures of comparison. Sum 109. saith the *New* under the Stile of Rain; while 103. saith the *Full*. Sum 143. and 132. say the *Quadrates*. Now our Trines, you see, say 155. and 162. I should suspect this Surmount if I did not find a *Singularity* of Influence in the Figure: It equals the Best of the Aspects as for *Hot Days*, both in Number and Vigor: For the Vigor we remember with a Heat complain'd of universally.

§ 12. Another time I remember suffocating Gleans of the Sun, *πνίξ* the Ancients call it; such as I never met with elsewhere but Once, and that was in the sad Pestilent year, at the  $\delta \odot \gamma$ . Jan. 3. 1665. In another place I found the first hot Day of the year shews it self on the same Aspect, June 22. An. 1675. On the contrary, to point out the Singularity, I note, that the *Frosty Days* are not so frequent as under the *Quadrates*, and yet they are as vehement notwithstanding, as under any other Configuration, as if (which seems I know impossible) that the same Spirit agitated *Heat* and *Cold*; For in *Cold*, sometimes there is a smartness and keenness of Edge, which we call *bitter Cold*: such we found under one of the First of these Aspects Jan. 29. 1672. So in Feb. yea March, 1674. in Octob. as well as Nov., 1677. The like in April, beginning An. 1671. yea, and the end, An. 1675. Give me leave to add, for it may be of some concern, the like occurrents in the *Later* of these Trines, which though it seem the warmer of the two, yet once I found it made me chill in my Bed, well fenced and guarded against the injuries of the Air, though in the Month of March, An. 1671. ten days after the *Equinox*, (March XX.) And the year following on the very day of the *Equinox*, we had Ice even Bearing, brought to that consistence in 3 days, which we say belong, or border on the *Trine*. Just as in Octob. Anno 1677. we had Three Winter days, absolute Winter within the same confine.

§ 13. Consonant to this, we may have occasion to speak of a notable indisposition, of which in our seven years we met with Two Instances; we call them *Tusses Epidemica*, of which the first is noted in our Fugitive Table. Jan. 16. 1673. the other was noted all Europe over, Octob. 27. An. 1675. Concerning which, being interrogated by a GREAT Person, what might be the Cause? I answered Him with all Respect, but with all Assurance also, that it depended on the Heavens, an *Universal Cause* in this sense; but little thought I then, I confess, that this Lunar Radiation might have any Finger in it, which now appears probable from a redoubled instance; yea, and from the Mysterious Change of a Pungent *Heat*, to a Stupefactive *Cold*, observable here in this Radiation, and others also; which our Bodies, or rather our Spirits may be sensible of, when our unwary attendance on our selves can give no Minute Account of it. Some Physicians did impute it, I remember to the Change of the Wind over night toward the North, which was very true; but they will give me leave to advert that there may be more in it so; several more hidden Celestial Causes (for every Change of the Wind to a cold part brings not an *Universal* indisposition over all Europe.) of which we can assign no more (as proper to this place) but the Lunar  $\Delta$  Radiation among the Rest.

§ 14. We have a double instance which may be glanced upon; we shall speak of the store of Rain presently, but this is the *Singularity*, expressed by a *Great Drop* more than ordinary, more than once, *Great Hailstones*, which in Tables of observation of a wider Latitude do occur a 3d. a 4th. a 5th. time &c. arguing in my judgement a different degree of *Heat* struck up at that time, as in the generation of Hail commonly is seen, though encountered, 'tis true, with a contrary Activity.

§ 15. Of the same stamp is the next considerable in the Water-Floods of our River the Thames, where a High Tide is noted, not only in the  $\delta$  or  $\varphi$ , but sometimes under our *Trine* also. August 1676. and Decemb. 1672. That



That of the First, this of the Later Trine. That of *Dec.* being as *High a Tide* as ever was known in the Memory of Man, being ready to run into *Westminster Hall*, as I my self can attest; It had bin a time of Frost and Snow, and therefore we shall allow the consideration, but withall shall sue out our Title for the Aspect, seeing upon review of *Tide-Observations* for some years I find, to my surprize, the Tides start as frequently in each *Trine*, to a new degree of Height, sometime to equal the Change and Full. But I will not press this too much, because it may occasion a *Brangle*, upon consideration of the *Tides* great variety, upon Droughts, Rains, sudden Thaws, and stiff Winds intervening; so that even the Sextile and Quadrate, the Neap tide Aspect, is found at times to usher in exuberant Floods: always provided that we may renew our Plea when time serves, and, that I may not think it fortuitous, I found an extraordinary low Ebb with us at *London*, noted on the same Aspect, where so great a Shelf appeared at so many places, that the River look't not like it self, when some curious Persons were invited thereupon to waft thither, and to pace the Dimensions of the *Terra Firma*, August 25. 1672. Now the use that I make of this, is this, the moderate low Ebb in one part, doth argue a proportionable height in another, *Rye*, suppose, or *Winchester*; 'Tis true the Ferrimen imputed this low Ebb to the Western Wind, which I reckoned was a careless Answer, from such as are not inquisitive Persons, because I could not observe any such briskness at that time from the Western Quarter. Nor do many Winds from that Quarter leave the River so naked.

§ 16. Come we now to the *Wind*; the *Singularity* here in my Judgment is *very entertaining*, the Wind not only *changing* (for so it may under all Aspects, and less here, than elsewhere,) but wantonly playing; so that as I have often with Pleasure observed, the *Index* hath whiffed round all the points of the Compass, from whence I observed by virtue of a *Sic parvis*—the *Tornados* and *Whirlwinds* may well depend on the Heavens, when an ordinary *Lunar Aspect* shall shew us that variety. So *May XXIV.* and *Oct. XXVIII.* 1675. — *April VIII.* 1672. *Septem. VII.* *Octob. VI.* 1677. *June XII.* *An.* 1674. This take along with you, that when the Wind so shifts and plays about, 'tis a sign of *Weather approaching* in the Horizon, or actually existent at the same time, somewhere else.

§ 17. Now, if the Reader please to like our former Representation of the frequency of the Effect, *Rain* I mean in the Quartile Aspect, as it is plain and not unprofitable, the like we are ready to present him here.

	☉	☽	Revol.	Succes.		☉	☽	Revol.	Succes.
Jan.	♊	♋	VIII.	7.	Jan.	♊	♋	VII	6.
Feb.	♋	♌	VII.	5.	Febr.	♋	♌	VII.	7.
March.	♌	♍	VII.	7.	March.	♌	♍	VII.	7.
April.	♍	♎	VIII.	4.	April.	♍	♎	VII.	4.
May.	♎	♏	VII.	5.	May.	♎	♏	VIII.	8.
June.	♏	♐	VIII.	6.	June.	♏	♐	VII.	4.
July.	♐	♑	VII.	5.	July.	♐	♑	VII.	5.
Aug.	♑	♒	VIII.	7.	Aug.	♑	♒	VII.	6.
Sept.	♒	♓	VII.	7.	Sept.	♒	♓	VIII.	8.
Oct.	♓	♊	VII.	4.	Octob.	♓	♊	VII.	7.
Novemb.	♊	♋	VII.	6.	Novemb.	♊	♋	VII.	6.
Decemb.	♋	♌	VII.	7.	Decemb.	♋	♌	VI.	6.

§ 18. Not unprofitable, whereas before, you see all Aspects are not alike responsible in every Month, no, nor in the same Month. Some speed but 4 or 5 times, some 6. the Happiest compleat their Number be it VII. or VIII. Hence it follows that there are *different properties* of the Zodiacal Signs

*Signs.* A Lunar Trine in  $\gamma$   $\Delta$  and  $\gamma$   $\gamma$  you see keeps touch, so far I can speak for the *Fiery Triplicity*, and pray overlook not the other. A Trine in  $\delta$   $\gamma$  or  $\delta$   $\gamma$  will deceive a blunt Astrologer, which speeds but four Times in VII. so the rest, yet this is somewhat out of place.

§ 19. Yea, but the main *Singularity* to come to that at last, is concerning *Stress of Weather*, hinted at already, if that be true which we have asserted, or rather commended to observation, that the *shifting* of Winds argues *Commutations* somewhere. We have said that the Phasis of the *Trine* looks with some deformity, and the Character ( $\Delta$ ) seems to be *Mysterious* and Magical, if there be such Power to raise *Tempests*. Without *fooling*, it hath an unexpected, *undreamt* of Influence towards *Tempests*, whether of *Lightning* in the capable Months, or of Winds, *Furious Ragings*, *Hurricanes*, which sometimes are felt without the *Tropiques*, even in our *Septentrional* parts: This being somewhat Novel, or near Paradox, must, yea, hath been demonstrated.

§ 20. But then what should be the Latent Spring of this Energy, can any Man tell? If the Musical Fancy doth not please, we have assigned a *Right Angle* in the *Quadrate Aspect*, for the Seat of its strength, if a Man may say it, before ever we Read the more Learned *Offusus*. Verily, if we rightly consider it, the same Angle may be found under the *Trine*, in as much as by reason of the *Obliquity* of the *Ecliptique*, we see it fall out that one of the two Planets so Aspected may lie just under the *Meridian*, when the other is on the *Limb* of the *Horizon*.

§ 21. Thus: Bring me  $\odot$  and  $\omega$ , Solstitial Signs to the *Meridian*, and there you shall find but 3 Signs appearing, which make an absolute *Quadrate*: But reduce  $\gamma$   $\gamma$   $\gamma$ , either of them to the *Meridian*, and in the Oriental part of Heaven you shall observe IV. Signs, a perfect *Trine* emers'd above the *Horizon*. The *Equator* is uniform, shews it 90 grades constantly on the Eastern and Western side; the *Ecliptique* is not tyed to that constant Equality; it is unequally divided sometimes with 4 Signs of one side of the *Meridian*, and only 2 Signs on the other. And this is not all. Let us consider the *Occidental* Mediety of Heaven, let us depress  $\pi$   $\odot$   $\Delta$   $\gamma$  to the *Horizon*, and we shall find neer IV. Signs compriz'd in the *Arch* from the *Horizon* to the *Meridian*, as before you found it from the *Meridian* to the *Horizon*. So then, if in all these Cases a right Angle is discerned, the Efficacy of the Aspect may be founded thereon.

§ 22. Now, whether these Trines, as it seems according to this Doctrine, owe all their Influence to these Critical Coincidences, with *Meridian Circle* or *Horizontal*, may be referred to its proper Chapter, or may be solved by what proposed in the  $\square$ . It remains only to enquire why a Trine is more Turbulent than a Quadrate Aspect. And that will be assailed by considering the measure of the Angle, by the length of the *Subtensa* reaching 4 Signs, or 120 grades; for upon this account is the *Quadrate* more strong than the *Sextile*, in the same manner as the *Trine* is more Operative than the *Quadrate*, With a barr notwithstanding, put in against the *Quincunx*, because of its vicinity to its principal, viz. the  $\odot$ , And perhaps because a *Quincunx*, as *Semisextile* also, are never found of so large an *Expansion* as to possess the two Circles of *Horizon* and *Meridian* at the same Moment, which yet we shall see a *Sextile* doth. But first let us admit the Trine Interest, and view its Books; the rather because I seem to advance a Paradox. For though the Antients hold the  $\Delta$  to be very perfect, above the Square or Opposition, so that I had thought they had favoured our Plea. *Escuid. Tract. 2. dist. 12. Cap. 1.* Yet I dare not alledge them, least they speak in relation to Genitures, rather than the Change of the Air: So that we must wholly appeal to the experience of our Table, though not extant here.

here. But if the Antient *Arabs* mean the Change of the Air also, well and good; then I am free from the guilt of a Paradox.

## CHAP. XVII. \* ○ &gt;

§ 1. The \* the first Lunar Phasis of the Creation. 2. The secondary Light discernible in the dark side of the Lunar Discus, whence? 3. The Aspect operates. 5, 6. Keeps touch at the Hour. 7. The Moons part seems to lye in the Complement of an Effect. 8. & 9. This Aspect need not be ashamed to appear among her Kindred, 'tis as stormy as one of the Squares, and as dashing. 10. A Table declarative of their Influence. 12. Second \* seems to out-do them all. 13. In stormy Weather of more frequency, but less danger. 15. The Full > brings less moisture than any of its fellow Aspects. 17. Aspects compared as to dashing Rains. 18. This Aspect takes place in fits of Rain, returning after frequent intermission. 19, 20, 21. This demonstrated. 22. Of infallible success as to Rain, how far the Table produced. 24. Inclination for Wind. 26. Search into the reason of its Influence, whether there be any thing of a right Angle. Some equality in all Aspects. The \* is critical with the Physicians not without reason. 29. Gassendus his why-not's answered. 13. Suffrage of the Seaman from our great Verulam.

§ 1. **T**HE Sextile, two Signs distant from the <, though the last for Dignity, is the first Aspect in order; and makes some shew 3 or 4 days after the Prime, enlightning about 3 digits of the >'s disk, the rest being Opaque and dark: The First Phasis of the >, wherein she appeared to the World in the day of her Creation, not in < and <, but about the Sextile Aspect. The First < of > being imaginary, 2 days before מורד חורו as the Jews most probably reckon. An Aspect call'd by the Greeks Μυροειδης, upon a vulgar account, unless they should have some respect to the Tradition. The Latines call it, *Carva Luna*, because it tends to Orbicular, the Inner Area being dark and shady, save that in the *Crepusculum* we may discern a weaker diffusion of Light in the whole disk, not unpleasant to behold.

§ 2. Especially since we may wonder how it gets thither; The Copernicus perswade, that it owes the Original to her Sister Earth, whose illuminate part makes it Reflexion thither. Yea, Galileo most ingeniously solves the Phenomenon; why in the Mornings Later Sextile, this Lustre appears somewhat brighter than in the Evening: wherefore? but because supposing that the Earth and Solid Bodies reflect stronger, than Water or Fluids; There is more Land then Water (the vast compass of Asia,) Eastward of Europe, and more Sea than Land, Westward. The truth is, if Wit will do it, the Copernican Hypothesis must be accepted: but whether it comes from the Earths reflexion, or from the Other Celestial lucid Bodies, to which (whatsoever Galileo hath observed to the contrary, I should as readily incline) the Astrologer is not obliged to determine.

§ 3. Our engagement lies rather to assert, what Galileo doubts of, that the Celestial Bodies operate upon the Inferiour (if I have leave to call the Earth inferiour) by Light and Motion. At present, that the > operates in her Sextile Radiation,

F f

§ 4. Now



§ 4. Now whereas we have observed in the *Trine* Aspect, one day of the Triduum often Lights in common with the Neighbour *Quartile*; and that toward the *exit* or *Introit*, we confess so doth the *Sextile* also. But in answer, as before, that this is no visible prejudice to either Aspect; their Characters being raised from their visible Efficacy, those common days, (if need be) not being considered.

§ 5. Add that the *Sextile* also, the poor *Lagging* *Sextile*, in imitation of the great ones, gives warning at the Hour, and bears Testimony to its self within its proper Duration.

§ 6. Further we say, which we have not yet mentioned, these *hourly* Testimonies are more to be remarked; because of the exactness of the Calculation presumed in the  $\Delta$ , which in some other Planets will not be pretended. Greater is the evidence created to our pretenses by correspondence between Cause and Effect, so near, so punctual, so precise.

§ 7. Hence, the Luminary is not only demonstrated to make One, but also to the Curious, their very Place and Order is made known, while she appears to be candidate for one, yea, for the *Ultimate Cause*, such as gives the final Complement to the growing Effect: *The last Stroke sells the Tree.*

§ 8. Verily this Aspect upon a Minute consideration hath suffered by prejudice and presumption. For the *VI.* part of a Circle sounding not so big, as the *Trine* or *Square*, hath been so scornfully look'd upon, even by my self, as well as others, but of a foolish presumption that so little an Arch of a Circle could not lodge so remarkable an Efficacy; As if the *Antients* had brought it in only for *Complement* sake, least they should have bin thought to have failed rather in the accuracy of their Method, than in any Substantial.

§ 9. Now whether our Table be produced or not; the *Sextile* is no Chip in Broth, no empty Name of a Configuration, but a very considerable Engine, little though it be, to produce Physical Effects. Now we do not, dare not say, 'tis equal to the *Trine*; but this we say, it may keep company with the Best of the Aspects, though it may be it hath not half so fair an Estate. Therefore let us see, and compare, First, if in the former  $\Delta$  you had 25 Soultry Days (the most probable Method of proving an Aspect) even under our *Sextile* I find 20. As often Rain, as often stormy Winds, as under the first *Square*. Strange! that two Signs should be as potent as 3; nay 4. so rare a Contemplation is that of Nature, that it will strike us with wonder, to set an edge upon our Enquiry. And well may we muse and contemplate the \* for its fertility of Moisture: we find it a little short indeed of the  $\Delta$  for the moderate Moisture, but for the immoderate Effusions, or violent dashes our *Sextile* out-does; what not? When the First  $\Delta$  brings but 48 dashes, &c. The first *Sextile* brings 60. For Snow in like manner; For Hail more, so that it will be time to look to the Foundation of this Aspect, and never leave till we have discover'd it.

§ 10. But we must premise the Compendium of our Table; that we may see further what both *Sextiles* can do, as before we have exhibited the *Trines*.

		I. * II.			
Frosty Days.	28.	19.		Change of Winds.	33. 41.
Warm Days.	46.	29.		East.	30. 46.
Hot and Sultry.	20.	36.		West.	31. 45.
Hot Nights.	5.	5.		North.	41. 44.
Trajectories.	7.	20.		South.	21. 31.
Lightnings.	8.	4.		North-East.	38. 42.
Thunder.	5.	7.		North-West.	29. 18.
Mist.	43.	43.		South-East.	13. 14.
Fog.	21.	38.		South-West.	91. 51.
Halo.	0.	0.		Rain.	149. 145.
Winds.	51.	59.		Violent, &c.	60. 27.
Stormy and High.	35.	35.		Snow.	12. 11.
				Hail.	8. 5.

§ 11. This is our *Sextile*, concerning whose power 'tis enough to say it equals, or out-does the former Aspects hitherto treated of, in *Heat*, in *Rain*, in *Thunder*, in *Trajectories*, in *Fog*, *Wind*, *Snow*, *Hail*. Muster all the Aspects together, that you may see them at Exercise; and by that you will easily estimate their Significancy; where, if you be surprized with any appearance contrary to expectation, you will not be the First that have bin amused. Ask the New ☾ how many *Hot* days she brings? She underwrites 28. the Full ☽ the first ☐ 13. the second 24. the former △ 25. the later 16. The Sextile, Former 20. the Later Sextile 36. the Former Sextile out-does the Full ☽, the first ☐, the Later △, the Second out-does them all.

12. This makes toward the *Character* then, a *Sextile*, at least one inclined to *Warmth* as much as the New ☾. Why the New ☾ seems evident; but there is as certain reason for this as that, if not so evident. Accordingly under this former Sextile we meet with, if I remember, as *Hot Weather* for *April* as ever was known, *An. 71. die 23, 24, 25.* which is not a pure Chance, even our Sextile helps, as the *Wren* laid when she piss'd in the *Ocean*. For *Thunder*, or the *Muter Lightnings*, it equals the New, I had almost said the Full ☽ *Trajectories*, I know not by what hap, are found to be equal to the New, or, 2d. *Quadrant*. These yield 18 and 19. and our Aspect makes it 20. For *High Winds*, &c. no man thinks that 'tis our turn now to cry up the Sextiles above the △, which we have adventur'd to say, is the most remarkable tempestuous. But that we may not be mis-conceiv'd, we understand this not by the frequency of Tempests, for so the Full ☽ is the most Tempestuous by far, before *Quadrates* or *Trines* either; but in regard, of the *Fury* and *Rage*; A forer Tempest is often found under a Lunar △, than under any other Aspect Lunar: This is all we say, till the contrary is proved. Now our Sextiles in this point for frequency seem to be equal to the New ☽, *Quadrant*, and *Trine* in either kind, and for *Fury* it brings one or two Instances.

§ 13. For better memory the Reader may please to view the matter again and see what they underwrite for themselves.

☽.	☾.	☐ I.	☐ II.	△ I.	△ II.	* I.	* II.
37.	68.	34.	43.	44.	31.	35.	35.

Where you see the Full, one Square, one Trine goes beyond us. All the rest, even the New ☽ not much out-veying our Sextiles, which by some good hap are equal one with the other to an unit.

§ 14. For

§ 14. For *Moisture* in general, more or less, our Sextiles exceed all but the Two Trines, for 149. and 144. exceeds 109. and 193. the Sums of Moisture under the New, and the Full : and the two Trines here are *Paramount* and one of the Quadrates, as may be seen by this presentment.

♂.	♀.	□ I.	□ II.	△ I.	△ II.	* I.	* II.
109.	103.	143.	132.	155.	162.	149.	144.

You see your Sextiles are inclined to moisture, yea, you see what surprizes me, that the full ☾ brings less moisture than any of his fellow Aspects.

§ 15. Notwithstanding this, observe again that the Former Sextile, (however the later comes to flag and lose its credit as to *durable*, or more violent Rains, and it comes not off so disgracefully neither, when I see the New ☽ but a Piep beyond it) the Former Sextile I say, Full, *Quadrante* and *Trine*, for smart and frequent dashing, cannot do better. Now if they be asked what they will subscribe for *Dashing Rains*, they will answer in this order.

♂.	♀.	□ I.	□ II.	△ I.	△ II.	* I.	* II.
28.	47.	47.	42.	48.	52.	60.	27.

Where 60. you see under the first Sextile, the Tale of her *Dashes*, outgoes the Full and *Quartiles*, and is scarce approached unto, but by one of the Trines.

§ 16. And here Let us a little view the *Wonders* of the *Creator*. Great and *various* are the Shapes of the *Changes* of the *Air*. And be they never so many, God hath adapted Causes as numerous and *various* to answer those Effects. All the strange and free postures of our Bodies, such as you see in Sprightly Youth, whether at Sport or Exercise, we poor *Ignorant* think they proceed from the Pliantness of our Frames, it may be, or the freedom of our Will, but the Learned *Anatomist*, who hath dissected Nature, knows, that there is a proper distinct *Muscle* fixed in our Fabrick, to discharge every such Motion. So is it in the Heavens. We meet with strange Weather sometimes, when the Heaven is, as I may call it, fitted for *Rain*, when it shall clear up to a pure and *brilliant* Sky, and of a sudden, shows smartly and in earnest, and so continue *showring* and clear interchangeable for a considerable part of the day : Of which sort they occur in our Table, not here produced, several Examples. The Celestial Philosopher assigns this Aspect, That's the *Muscle*, as it were, which the Creator hath made to exert this Motion: For 'tis a short Aspect; and if there be in the Heavens any advantagious Post above another, it arrives sooner thither. Now the smartness of the *Showre* shews an *Aspect*, and the *suddenness* shews a *Sextile*.

§ 17. Nay, if there be any thing in the Posts of the *Horizon* and the *Meridian*, a Lunar *Sextile* by its applications thereto can give account, without any other assistants, of Rain VI. times a day; so with other help it may come to twenty times in one day. And of this we had one most notable Instance.

§ 18. The days when it thus rain'd by such *intermitting* Fits were these. Jan. X. An. 1676. May I. An. 1674. April VIII. An. 1676. May VIII. and IX. An. 1676. &c.

§ 19. Now, if on any of these days the *Fit* came on Noon, or Sun-rise, or Sun set, or about two Hours distant, then 'tis a clear case we assign the Cause of this *admirable* Product of Nature. But so it is. For on Jan. X. An.



An. 1676. the first day noted, we meet with wet Morning, which may comprehend either ☉, or ☿ rise, or the space between; and again, Rain 6 P. wherein the ☿ in \* of the ☉ is exactly on the Meridian; this is to begin. The next is May I. An. 1674. which being the last of the Triduum, is to be found under April. Here we find showres 10 m. and about the time when the ☿ in Sextile rises, as is expressly also noted. The 3d. is April VIII. An. 1676. Rain 4 P. the ☿ then in ♌. 2. was exactly South. We will give you a 4th. May VIII. An. 1676. it rains hor 4. because the ☿ in Sextile 4 m. ♌. 0. exactly upon the Meridian at that Hour. Thus is God, Nature and Art justified by these plain demonstrations, not to be avoided. And this I proclaim holds, not only in the First but Second Sextile, though more rarely, and that not according to the Southing of the Sun and Moon, but also to the rise and setting; witness June 20. 77. where at the ☿s fitting hor 3. exact, you meet with a Thunderclap.

§ 22. Nor must we say that a Quadrate and a Trine are apt, as often, to stir up Nature, the Negative being plain from the very constitution of the Aspect, which is founded upon the Distance of two Signs, and no more; the Influence then of the Stars so Aspected, if they have any, must in a shorter space shew themselves, then those who have a larger Tedder. Sooner shall the Stars at the distance of two Signs arrive to their Critical places, than those who are distant 3 or 4.

§ 23. Now, our Muster, according to the difference of Signs, as wedd before in the Quartiles, stand thus.——

\* I.

\* II.

Signs, Quotient, Success.

Signs, Quotient, Success.

♈	♈	VI.	4.
♈	♈	VII.	5.
♈	♈	VIII.	6.
♈	♈	VII.	6.
♈	♈	VIII.	8.
♈	♈	VII.	7.
♈	♈	VII.	7.
♈	♈	VII.	5.
♈	♈	VII.	6.
♈	♈	VIII.	5.
♈	♈	VII.	6.
♈	♈	VII.	6.

♈	♈	VII.	5.
♈	♈	VII.	7.
♈	♈	VIII.	6.
♈	♈	VII.	5.
♈	♈	VII.	4.
♈	♈	VIII.	8.
♈	♈	VIII.	6.
♈	♈	VII.	6.
♈	♈	VII.	5.
♈	♈	VII.	7.
♈	♈	VII.	5.
♈	♈	VI.	5.

§ 23. If the Quota's are not so full as in the Quadrates, &c. we may probably infer that the Sextile is the weaker Aspect. Howbeit, there are here again some near infallible Belparkers of a showre. That in ♈ and ♈ brings 8 for 8, under which I would Martial ♈ and ♈ in the First, and ♈ and ♈ with ♈ and ♈ under the Second: but they seem not to fadge. Take then ♈ and ♈ which bring 8 for 8. and those which find 7 for 7. and let the Reader make his use of them. ♈, and ♈, and ♈, and ♈ are such: Howbeit I must not enquire the reason or foundation of the difference which appears, in this place.

§ 24. Speak we to the inclination for Winds.

* I. * II.		* I. * II.		* I. * II.		* I. * II.	
<i>Eaft.</i> 50. 46.	}}	<i>West.</i> 31. 45.	}}	<i>North.</i> 41. 44.	}}	<i>South.</i> 21. 31.	
<i>N.E.</i> 38. 42.	}}	<i>N.W.</i> 20. 18.	}}	<i>N. E.</i> 38. 42.	}}	<i>S. E.</i> 13. 14.	
<i>S. E.</i> 13. 14.	}}	<i>S. W.</i> 91. 51.	}}	<i>N. W.</i> 20. 18.	}}	<i>S. W.</i> 91. 51.	
101. 102.		142. 104.		99. 134.		125. 106.	

§ 25. 'Tis pretty to observe, that the second \* brings 134 *Northerly* Winds, of due *West* little. The First, 142. *Westerly* Winds, of *North* but a little; that the *S.W.* Wind abates from the Quota's found under the  $\square$  or  $\triangle$ , and yet 'tis almost double (91) to any other Quota assignable. In a word, I do not remember that the  $\triangle$  or  $\square$  brought so much of *Easterly* Winds, though *West*, and *North*, and *South*, do somewhat outbid the *Easterly*.

Thus is the Character of the Sextile.

§ 26. Neither is there wanting foundation in Nature for so much Effect. *Ofhusius* himself allowing it reasonable that Planets at any such distance, whether they happen, *One*, on the *Midheaven*, while the other is on the *Horizon*, may alter the Air, which happens under the Three Posterior Aspects,  $\square \triangle *$ . Even in this Later, in some parts of the *Ecliptique*, at or about *Two* Signs distant. The Sextile is equal notwithstanding, or equivalent to a right Angle, viz. to the *Equinoctial* Angle, which is always the same. And this, as I remember, is happily observ'd by *Ofhusius*. But if this will not be admitted as sufficient and responsible for some violent Effects shewing themselves, what if I should observe, that in a manner, all Aspects seem to be equal, whether *Diametral* or *Angular*: Wherefore as in the  $\delta$  there is an imaginary, or rather a Virtual Opposition, since the Heaven is Circular, and shews an opposite point affected; so that you have no single Aspect: then, *contra*, an  $\phi$  is a virtual Conjunction. So is it in the Rest. Bring in a Square of  $\odot$  and  $\ominus$ , One of them to the Meridian, and the Square is doubled: For there is a *Quadrant Oriental* and *Occidental*.  $\phi$  posited on the Meridian, makes a right Angle with the Sun in the *Horizon*, and another with the point in *oppositio Solis*. Doth not then our Sextile (*Oriental* suppose) by the same Reason, make a  $\triangle$  occidental? and back again, a  $\triangle$  in the East, constitute a Sextile in the West.

§ 27. For what pains and indispositions we had noted with their Obelisk here also as in the Quadrant, how duly I had noted them I cannot speak, but how truly they are noted, I can. So the Sextile is a *Critical* Aspect, I see, as well, though not perhaps as much, as the Quartile. And what should hinder us to assert an Antient Truth, and so witnessed by the Learned Physicians, who tell us, that in *Critical* Days, *Quartus est Index Septimi*. Now, as the Seventh day is the One, so the Fourth Day is the other, even our very Sextile. I know there are other Irritations of Aches and Pains in our querulous Bodies, besides these Lunar Aspects, viz. the *Rises* and *Obits*, &c. of the Planets so posited, co-incident with these Aspects, which I am not certain the Physician will allow, though they exert their smart Influence at a minute; howbeit, if they like not to admit of that, I am bound, nevertheless, to witness to the Truth which they deliver.

§ 28. We close up this Chapter with an Answer to *Gassendus*, who, though he dar'd not deny an Efficacy to the Sun and Moon, consider'd as *Luminaries*, yet, though he acknowledged it rational to believe that their

Effi-

Efficacy is advanced or abated, according to the increase or decrease of their Light; yet he hath no kindness for these Luminaries so united and confederated by Aspect; for saith he, *why should not the same be said of ♀?* who we know, now by the *Telescope*, runs through the Series of the same *Phasis* as the ☽ doth, \*□△? For answer, I could tell him 'tis enough for a *Mortal Astrologer*, if he make use of all that is *visible*; I say all that is presented by the *Natural*, though non-arm'd *Eye*. The Spectators of the Heavens are rightly entertain'd by what appears on the *Theatre*, without prying into the *assiring Room*. No man speaks against a curious inquisitor into Nature by *Telescope* or *Microscope*; I applaud the invention, but there may be ill use made of it; when we search after *hidden*, in the neglect of *Obvious Truths*. Secondly, though I could ask, whether *Gassendus* hath calculated these Aspects, and found them void or unactive; or decipher'd them only for us, that we might spend our Verdict. (Besides, that, the Quadrates of ♀ are consider'd under another Name, *viz.* when she is enlongated from the Sun; by the same token that she contributes to Warmth.) Yet where is the Angle we speak of? Alas! Her furthest Elongation never sets her upon the *Meridian*, while the Sun is on the *Horizon*. A *Semisextile* is her utmost Aspect as to us. When ♀ descends as low as the ☽ in Orb as vast as the ☽ or ♀ Orb; then *Gassendus* shall see what we will say: till then, the Influence of her *Phasis* is not so considerable, but what a just Science may overlook, as Anatomy doth a *Capillary Vein* or *Glandule*, which is not necessary in the subsistence of the Body, and therefore may be spared its consideration.

§ 29. He tells us more, *that if the ☽ hath Influence upon the Earth, so may the Earth on the ☽*. Will it not then be time to consider that, when we remove into that Colony? No man pretends to prognosticate the *State of the Air* for the Man in the ☽; be the ☽ never so habitable, 'tis less than the Earth, and so 'tis fitting the Earth should be considered before it. The plain enquiry with us, is, whether the *Fire warms the Hands*? Now, to perplex this Question by a more curious Problem, whether *Fire works on Fire*, is a new way of Philosophy. Nor can I justly infer that Fire was not made for that use, because perhaps it was made for some other Service in Nature. If the Earth hath Influence on the ☽, how much more the ☽ on the Earth? If it hath no Influence on the ☽, it makes not against us. For the Rain which makes the Meadows green, and the Corn-Fields fruitful, makes not the *Wilderness* fruitful, nor doth it sweeten the Waters of the *Sea*.

§ 30. This rub being out of the way, it may not be amiss to remind us, that great Enquirers bear Testimony, in other terms, to this Aspect. For where is it that I read, that the *Fifth Day* of the ☽, after long observation, is feared by Mariners, for stormy. *Verulam* hist. of Wind, art. 32. par. 17. So saith He. The *Fourth* rising of the ☽ *ibid.* Now one, if not both these are the *Sextile* Aspect. And if what I pretend of the *Later Sextile*, holds its own, then the Seamen may observe together with the *Fourth* and the *Fifth*, the *twenty fifth* day of the ☽'s age, especially those who are resolved to learn no further. Better is it to observe the ☽ alone, than to abandon all Astrology. Who knows, but the *small ☽*, touch'd at before by *Linscoten* and *Drake*, may belong to this Aspect more properly rather than to the Change?



## C H A P. XVIII. Comparison of Lunar Aspects.

§ 1. The Synoptical Table of the Lunar Aspects compared. 3. The greater warmth of the Later  $\square \Delta *$  apparently infer a Lunar Warmth. 4. More Frosty days in the Former than the Later  $\square \Delta *$ . 5. So more morning Frosts on the same ground. 6. Astrology demonstrates. 7, 8. New Moon brings more hot days than the Full. So the Second Quadrate and Sextile; a probable reason why the Trine doth not the like. The Later Sextile brings more hot days than all. 9. Difficulty and Charge in perpetual observation of Trajections. Second Sextile brisk as any. Aspects seem not wholly destituted of Influence, though under Hatches. 10. For Lightning, &c. Second Trine is a bustling Aspect. The Sextiles favour Corruscations. 11. Lightning may sometimes flash in greater or lesser Arches of the Skie, according to the different extent of the Lunar Aspect. 12. Aetna not unjustly imagined in the Lunar Globe. 13. Full  $\triangleright$  and  $\Delta$  most stormy. 14.  $\square$  and  $\Delta$  sisters of Wind. 15. The Changes shift not Wind so oft as the Full or First Quadrate. 16. For Rains, and excesses of Rain The less Aspects exceed New and Full, the prior Sextile almost doubles the number. 17. The Change brings the least Snow, the Full  $\triangleright$  most Hail. First Square and last Trine bring more Snow than the Change. 18. Rainbows made by the Sun not without Assistants. 19. Former Square and Trine conduce to a limpid Horizon. 20. Fogs rarer at the Full than Change. The Trines have the Fewest Instances.  $\triangleright$  more inclining to Fog than the Sun. 21. Gloomy days oft in misty. 22. Fila, Gossamere defined. 23, 24. New  $\triangleright$  favours South-West Winds, the Full much more. 25. All the Aspects incline to the Western or Southern Winds. 26. A Rule for a Mariner who expects an East-Wind.

§ 1. **W**E could not have been so diligent in declaring the Power of the Lunar Aspects, but that we saw some necessity of a new closing Chapter, to discover some other considerables belonging to the premises, which we presumed would arise from the further comparison of the Aspects subjoyned in an Universal Table, or where all the Aspects march in a Rank even and just with their Influence, that they may mutually justify one the other.

§ 2. *Influxuum Lunarum quoad Aspectus singulos quotquot integro haud ita pridem Septennio observati fuere Tabella Synoptica.*

	♂	♀	□ 1.	□ 2.	△ 1.	△ 2.	* 1.	* 2.
<i>Frosty D.</i>	16	26	34	27	26	16	28	19
<i>Frosty, M. Ev.</i>	37	27	31	26	29	27	30	26
<i>Hot D.</i>	28	11	13	24	25	16	20	36
<i>Hot N.</i>	8	5	8	5	5	3	5	5
<i>Trajectories.</i>	19	4	12	20	5	6	17	21
<i>Lightnings.</i>	0	0	1	2	1	0	5	5
<i>Thunder and L.</i>	2	4	4	4	5	7	3	6
<i>Stormy Winds.</i>	37	69	34	43	44	31	33	35
<i>Winds varying often.</i>	3	5	3	3	2	5	1	1
<i>Winds chang.</i>	29	55	71	53	43	43	32	41
<i>Rain.</i>	109	103	143	132	111	162	149	144
<i>Rain violent.</i>	28	47	47	42	48	52	60	27
<i>Snow.</i>	5	14	16	12	12	15	13	10
<i>Hail.</i>	9	8	3	6	4	4	7	6
<i>Iris.</i>	1	1	0	0	1	0	0	0
<i>Halo.</i>	0	3	4	0	5	6	3	6
<i>Groffer Fog.</i>	38	23	31	29	17	26	21	38
<i>Winds East.</i>	45	53	56	35	42	44	50	41
<i>West.</i>	44	44	56	42	31	49	31	45
<i>North.</i>	40	33	36	41	28	27	41	44
<i>South.</i>	18	38	22	20	35	41	21	31
<i>N. E.</i>	30	29	42	37	34	34	38	42
<i>N. W.</i>	31	26	24	40	21	27	20	18
<i>S. E.</i>	16	15	7	17	20	26	18	14
<i>S. W.</i>	58	80	73	103	90	69	91	51

§ 3. To begin with Frosty days, a Title which we cannot well miscount. The *New* ☾, you see, gives 16 Votes, the *Full* ☾ 26. And there is an excess: The *Full* ☾ then, as we have said, is colder than the *New*, ( by Day, viz. ) and we have ventur'd at the Reason. But now, in the Later □ △ \* there is no such matter, no excess of Frosty days, but the contrary, as the Tale sheweth. Then the Later □ △ \*, I say, are warmer than their Mates. Wherefore? But because the ☾ rises before the Sun in the Later □ △, &c. Therefore there is apparent Warmth in the ☾, which diminishes the Matutine Frosts while it shines, and hath not so much Power before it is risen. Which if we have said it before in part, deserves now in full to be asserted again, because it convinceth those Learned, who pass for the more Learned by denying such an evident Truth.

§ 4. But why the Full  $\Delta$  is colder than the New, we have answered already; adding withall, that the same Reason holds in part here for  $\square \square *$ , the  $\Delta$  is late before she rises; always remembering we speak of the day time only, when the  $\Delta$  more or less, as at the Full absolutely, hides her Head.

§ 5. Here, if it be objected, that the  $\Delta$  at Full shews her self by Night, though not by day, the Objection is Seasonable; for it puts us in mind of what we have determined in the case, viz. that she is warmer to us in Plenilunar Nights, than Days. And this Decision of ours appears to be no quick or subtle Evasion but a Lightsome manifest Truth. In witness hereof, the Frosty mornings appear Fewer, even although the entire Frosty days have appeared more. Consequently, on the same ground it holds here also in the other Aspects (though the Frosty Mornings be not always of so certain a Cognizance, as the entire days) that the Later  $\square \Delta *$  bring not more, yea Fewer Mornings so qualified, than their Chiefs choose to bring, I mean the First  $\square \Delta *$ .

§ 6. Thus we go on with the same certainty almost in Natural Demonstration, as is found in Lines and Numbers, and therefore Astrology is Some Body, so far at least, as she hath acquaintance with the Sun and  $\Delta$ , and their Mutual Aspects.

§ 7. Pass we now to consider the Hot Days, where, as we have said before, we are less liable to falter in our Animadversions. View, I pray, the Number: The New  $\Delta$  brings more such Days than the Plenilunium; the Reason is plain, the  $\Delta$  is up (invisible, though she be) she is in consult with the Sun on the Day of her Change, and makes a shift to own and maintain the Heat, notwithstanding her dark side, as hath bin shewn before.

§ 8. For the Rest then, the Second Square brings more hot days than the First; the Second Sextile also, 36. to 20. We are ashamed so often to repeat the Cause, viz. the  $\Delta$  preventing the Sun, and rising before, which in the former  $\square$  and  $*$  holds not, where the  $\Delta$  follows. But then, here we meet with an unlucky objection, for that our Second  $\Delta$  brings Fewer hot Days than the First; we must look for some *Reasons* in pursuit of Natural Knowledge, but by good hap this is none. For if we recollect that the Denomination of many a hot day arises chiefly from the time about Noon to the Hour between 3. and 4. and withall consider that the  $\Delta$  in her Later  $\Delta$  appears not, but is descended and gone in large speaking, almost two Hours before Noon, we will easily grant that the Qualification of the day for Heat must needs be at a loss, where the Cause of the Qualification hath been so long withdrawn. In the Square 'tis otherwise, the  $\Delta$  is but upon the Horizon, and so she gradually sinks lower and lower, yet for a considerable space doth she maintain Warmth, in the same proportion as we see them maintain some Light after their descent, while the Sun is posited about the Meridian, so the Critical places agree punctually to that time; whence the Denomination begins. But in the Later  $\Delta$  the Sun hath lost his Mistress the  $\Delta$  even at 9 in the Morning; so she is disappearing before he himself hath mounted his Meridian: wherefore this not obscurely make for us, who impute the difference of Heat in the Later Aspects, to the difference of the Apparition of the  $\Delta$ , under one, more than the other: wherein, that we feign nothing, let the Later Sextile bear us Witness, who brings more hot days than all of them only on this account, that she keeps near, as within call, to the Sun, and sets not till the Sun himself declines in his strength, even in the cool of the day. This Sextile shews us 36 warm days for her Brother Sextiles 20. I see other doubts perhaps desire admittance, as why the First Sextile should not be parile to the Later, &c. But, besides that this may be answered by what hath bin formerly noted, concerning the East and West Angles, I think



think it not prudence, having so far to go, to wait on every puny Scruple.

§ 9. The *Hot Nights* we meddle not with, they are but *Rarities*, and have their dependances more material than on the Two Luminaries. The *Trajections* we speak not to, because we cannot Imagine they should be duly and constantly observed; No one man can do it; It requires the attendance of a *Society*, and an *Observatory* maintain'd for that, and the like Notices. Only 'tis strange the Second \* should be so brisk to equal the  $\delta$  and the  $\square$ 's *Trajections* being 19. under the  $\delta$ . 20 under the Later  $\square$ . and 21 under the \*. This we gain by it; It proves the *Aspects* are not wholly devested of Influence when under the *Horizon*, as the second \* must needs be with both its terms, when nocturnal *Trajections* are conspicuous. Only we may note that the Number 4. under the Full  $\triangleright$  speaks but low, because the *Ple-ni-lunar* Lustre envies us their more frequent notice. In the mean time those few must be look'd upon as Eruptions of Flame greater than ordinary, who discover themselves even while the Air is possessed of so bright a presence; and in the æstival season, besure, speak a glowing constitution.

§ 20. Immediate to this we may view the *Coruscations* and *Thunders* under several Titles, because many times they are found separate. These may be rather consider'd, in that their Tale must be just and certain. And Lo! the New Moon brings but two. The Full, Four. The Quadrates 4. with one or two *Mute* *Coruscations*. The Later  $\triangle$  brings 7. The Later Sextile 6. So the Later  $\triangle$  is considerable, and we have seen 'tis a *busling* Aspect, in *Thunders* as well as Storms of Wind. Howbeit, the *Sextiles* have a great kindness for *Flashing* without noise; so that it may be we did well to consider *Lightnings* or *Coruscations* with Thunder, and without, apart by themselves. Verily the Later Sextile which brought 6 *Thunders* (which Sum is as high as any bating one unite) is observed to have brought over and above 5 *Lightnings*. And the first Sextile, how Low soever in its *Thunders*, has brought notwithstanding 7 *Instances* of *Flashes*. Shall we supersede the Enquiry into the Reasons for haste sake? Only take notice of a semblable Parallel between *Lightnings* here, and *Trajections* before under the Sextile, the Later Sextile exceeding all the rest, here, as there; if we can make out a probable reason of the One, it may hold in the Other. And we would venture, but that the First Sextile comes in with VII. *Lightnings*, and so makes a shift to equal the Later. Some inclination, no question, it bears to it, and let the *Curious* mark, whether or no Lightning hath not its several *Arks*, and *Segments* of a Circle, according to the *Diversities* of the *Aspects*? 'Tis more than probable a Sextile may flash through two Signs; A  $\square$  to the *Midheaven*; a  $\triangle$  beyond it; an Opposition it may be but one Sign, a Semisextile Aspect being reduc'd thereto. This is commended to future Observation: remembering that I speak of the Signs as they run oblique in the Zodiacue, not of the Equinoctial *Dodecatemories*. The Planets indeed, in the Sextile Aspect lie so near one to the other, that if any cause shall set it self upon making Celestial Fire-Works, the Two Planets will be very apt to catch, and to keep them alive throughout its allotted interval of space or time.

§ 11. Let it be noted also that this may agree to the Sextiles in *Genere*, not Lunar only, though we must assert the  $\triangleright$  also to have an *Ætna* in her, according to the New *Selenography*, or a force for *Lightning*; provided that no man construes this to obscure the Powers of the greater Celestial Bodies.

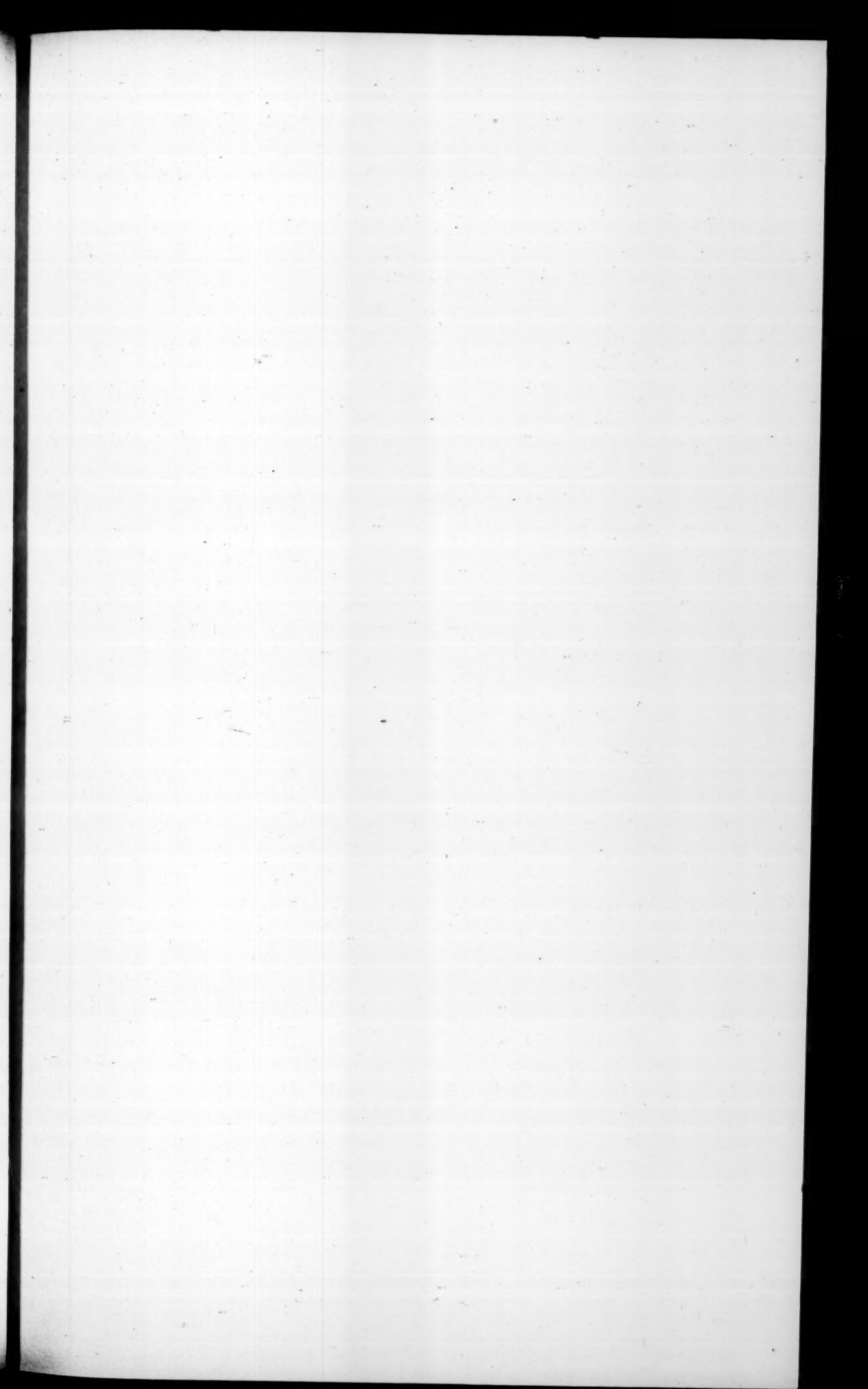
§ 12. Stormy Winds we have spoke to before, the Full  $\triangleright$  here bears away the Bell: When the other Hover about the Number of 40. the  $\delta$   $\odot$   $\triangleright$  alarms two Elements of the Air and Sea about 60 times; and possibly more: every

Every gult we have not reckon'd, nor every brisk gale, nor every Windy Constitution, when as if we could have hearkned out, many of those days in the *Seamans Journal* (I speak of our *Brittish Seas* only) might have bin noted for *Rough* and *Rugged*: the Cause is not intricate, and hath bin touch'd already, remembering that the Full ☾ bears precedence as to frequency of Storms; For as to *Fury*, the *Trine* we have said, seems to go beyond it.

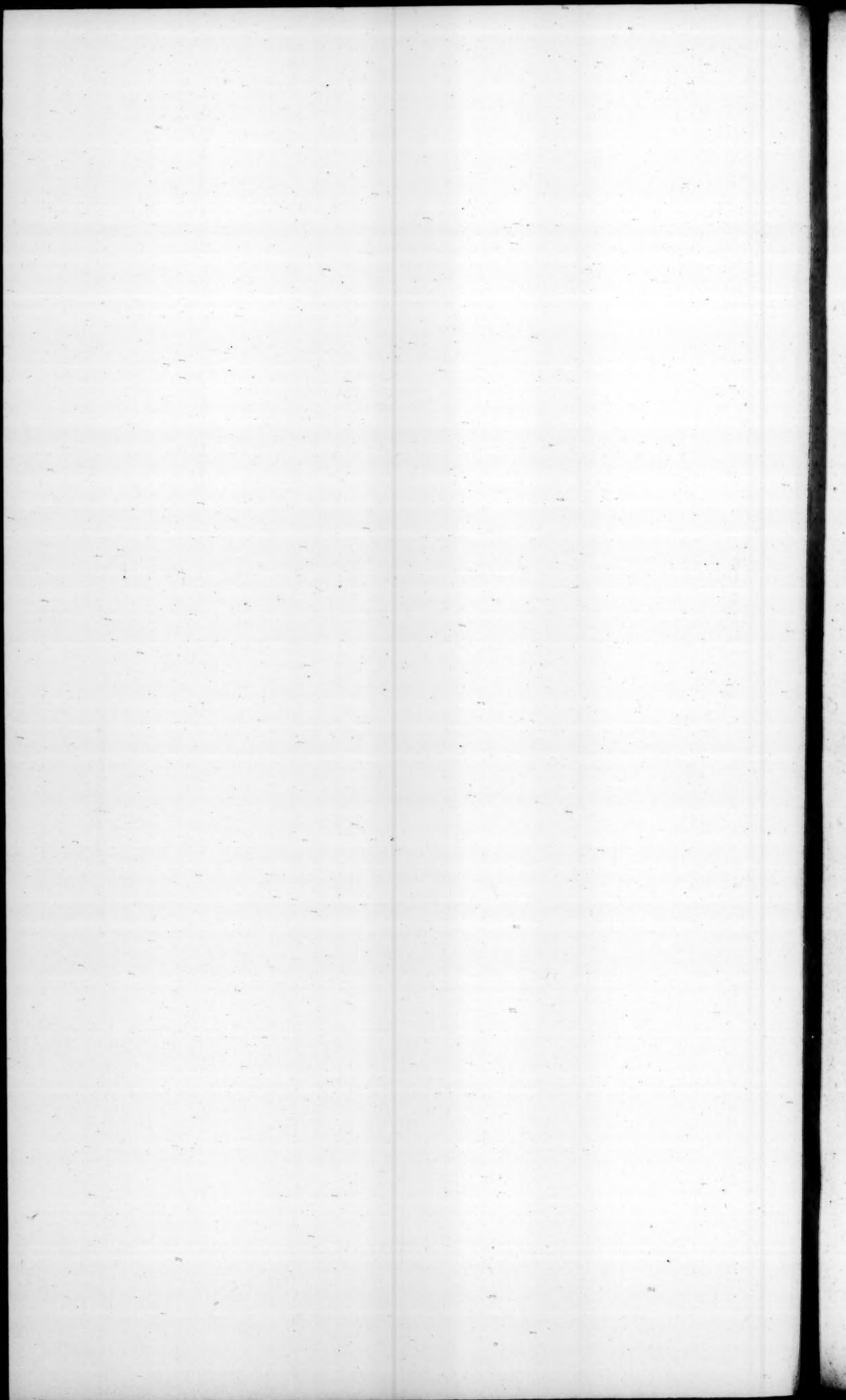
§ 13. Now for *Winds* variously *Shifting* and *Frisking*, we have cryed up the Later △. But the Table tells us the Full ☾ holds its own there also; so be it then, if the △ equal it, she is content.

§ 14. To the more settled Change of the Wind, we have brought in our *Quota* under every Aspect, the Wind may *Change* we know, every 'Hour', but with a *Specialty* upon the Hour of the Suns leaving us. — *Ventus cum Sole reliquit*, saith the Poet; and accordingly in our Diaries the *Evening-Hour* most usually presents you with such an *alteration*. 'Tis to be imputed to the Aspect, according as it appears in the Hemisphere, or *Disappears*; and that again as it is whole and entire, or as intercepted by the Horizon about its *Ascent* or *Descent*. And this is worthily remarkable therefore in the *First Square*, which *changes* the Wind about 79 times, when the Rest shew such Feats not much above 50, 40, or 30. For that Winds come from the Stars, Oh 'tis a plain case in all their Periodical *Revolutions*, as the Royal Philosopher tells us, *Ecclef. Cap. 1*. Yea, and in all its *variations*: It deserves the attention of the young Philosopher, how apt the Wind is to change, *Morning, Noon, Even, Midnight*, under our Quadrate which measures out the Heaven into thole equal parts, whereby the One Planet follows the Other with a *punctual* Uniformity, as to the *Transits* by the *Horizontal Line* and the *Meridian*. And this rather in the First, than the Later Quadrate, for some such like Reason, in proportion, as we have render'd before, of some difference in the Later △ from the Former. To clear this, you shall find, as the Table informs, that the ☿ ☽ ☾ admits the fewest Changes of the Winds, because there is no difference of the Luminaries concern'd, who rise *together*, set *together*, culminate *together*; so that if she can hold her own after the Hour of their joynt descent or disappearing, she keeps the Wind at her point for that *entire* Natural day; whereas in the Quadrate, and the rest of the Aspects proportionately, if the One be *up*, the other is *down*. If one be in the *South*, the other is in the *West* or *East*; which holds in the *Opposition* also, where manifestly One of the *Opposites* are in the *East*, while his *Opponent* is in the *West*; One is in the *South*, the other is in the *North*, which makes the Full ☾ change her Winds as often as any, but our fore-noted *Former* Quartile.

§ 15. It will be time now to speak of Rain and its *excesses*, which we have not without Reason consider'd apart. The *New* and the *Full*, we have said carry the *Name*; but here you see all the lesser noted Aspects exceed them Both; The two Squares, both the Sextiles, and at last the Later △. For those yield 130. and 140. the Later △ 160. speaking of round Numbers, when the ☿ and ☽ yield but 100. 'Tis so in *Excesses* of Rain also; equal'd for the most part, if not outdone. The *New* ☾ and one of the Sextiles bring the rarest Instances for violent Rain; the *Full* and the other Aspects add twenty Instances, and the First Sextile is found with *double* the number of the *New* ☾, which is much, if *duly* consider'd. The Consideration of Rain, Morning, Noon, and Even, &c. We reserve to the proper Chapter of the Horizon and Meridian. Howbeit, we desire this may keep their portion in the Table, while their turn comes. The like we say of other Hours, with some curiosity observ'd by us in all the Tables, though all you see had not leave to be produced.







§ 16. For *Snow*, what the New ☽ brings about 5. you see is doubled, or trebled by all the rest. Two Aspects there be, which are most frequent: of the Squares, the *First*; Of the Trines, the *Last*. The New ☽ brings but 5. while they bring 15. or 16. I believe we may find, nay we have hinted some Reason: Or, is it nauseous to repeat? I am content to ease both my self and Reader. — *Hail* brings yet the smaller sum, of which the Highest is but VIII. and belongs to the *Full* ☽.

§ 17. *Rainbows* complain of a defective Observation; I do acknowledge the received Doctrine, which saith they are the Sun's Embroidery on a *Rorid* Cloud; but we shall find that there is some *Collateral* Assistance from the ☽ and others, many times, to make them more Florid, and to draw them in a greater Arch; As we met with one here, which appeared more than Semicircular.

§ 18. For *Halo's*, 'tis pretty to observe that the  $\Delta$ 's have the greatest vogue; That the Later Quadrate and Sextile accuse us for want of Zeal, or early rising: But we have a good Excuse, why none are noted under the New ☽, because, *Nemo tenetur ad impossibile*.

§ 19. The *Misty* Sums we have not omitted, but yet we shall not reach to them here; because the *City* where those observations grew, is seldom absolutely free; what with vapid Exhalations from the River, and the Smother of the Fewel, besides the general Constitution of our Northerly Island; so that in all this time I have remarked not above 14 days, wherein the Horizon was clear and *Limpid*, of which VIII. are found under the former ☿ and  $\Delta$ .

§ 20. The grosser *Fog*, therefore, only consider'd, the New ☽ claims her Birth-right, she brings most, viz. 38. Only the Later \* brings as often. Now do I fancy I could offer a Reason, why more Fog on the New ☽, than at the *Full*, while the Sun and ☽ are both at one Post, rather than when they are at two. For 'tis with *Mist* as with *Darkness*, it is triumphant at Night, all the Hemisphere is its own, and it Flows in from all parts of the Sphere, the East and North especially; but the *Full* ☽ is as a Sentinel set in the other Hemisphere, by which Aspect the Mist is curb'd at Even, and by its Meridian height at *Midnight*, the ☿ and ☽ in ☿ being remote Southerly, in Winter time, but in ☿ the ☽ in her Septentrional approaches, visits the Northern Cardo, and lays an interdict upon Mists, (as before in Frosts) that they presume not too much in her presence. This I take to be a Rule; arising from the ☿ and ☿ compared, That a Planet by how much it is remote from its Consort, the more is he adverse to Mist or Fog; whereas the Sextile, which is not so remote, may be suspected a great Trader in Mist; for we see One of them (the Later) brings as many Items as the ☿. For who knows but if the Hour were curiously observed when the Mists fell, the Mists under the Quadrates and Trines might mostly happen within the Sextile Observation? the Sextile Aspect bordering upon each. Surely the Trines, both First and Last, bring the fewest Instances, because more remote, and more approaching to the Opposition. And before we stir from hence, I flatter my self, that I can demonstrate a likely Property of the ☽, from the consideration of the Excess in the Later \*, Later  $\Delta$ ; and it may be not impossible, the Later Quartile also. For who can warrant a Table of this Nature not guilty of the least Omission? Thus then, if the Aspects Lunar where the Sun rises first, bring the fewer Fogs, while Those where the ☽ gets up first, bring them more frequently; then the ☽ is more inclinable to Fog than the Sun; and the Truth is, the Conclusion speaks its own probability without any premises.

§ 21. *Mists* ought the rather to be observed, because he who can give account thereof, may give an account also of dark and gloomy days, which com-

monly are *Misty*, unless when a full-swoln martial menacing *Cloud* makes the Heaven to mourn: He may give an account also of a Red-angry Sun, *Sol Rutilus*, in *Kepler*, which others call *Sanguineous*, unless they mean some more terrifying Spectacle.

§ 22. Next the rarer Phenomena of the *Fila*, the Thrids like *Cobwebs* found on the Hedges and Herbs of the Ground, together with whiter *Strings* of seeming Lawn, that fly so leisurely in the Autumnal Air; *Gossamere*, I remember they call it; which is nothing else but the *viscous* misty vapour, furred up by the warm alteration of the Air, while the mist is removing, or most part withdrawn. I have a few remarks by me of a *Fog* appearing on the Ground like *Water*, of which, if occasion shall be elsewhere.

§ 23. There remains now little else to trouble the Reader with, except the account of the *Winds*. Consult your Table, you will find that the *Change* of the ☽ brings *East, West, North* Winds, almost indifferently, viz. as 45. 44. 40. Accordingly, NE. and N.W. winds indifferently, as 30. 31. The South, and South-East, according to the best of my observation, more rare, as 18. 16. but most of all toward the South-West point, viz. 58. and let this be remembred as a supply to the Character, that for the most part it favours the *South-West*.

§ 24. The *Full* ☽ is not indifferent to East-Wind, or North, or South, but finds rather for East than West, much rather than for North, and because she brings many more *Southerly* Winds then her ☾, yet the *South-West*, I believe, is her Favorite also, more *South* Winds under the *Full*, then at the *Change*.

§ 25. Here we must not be *infinite*, nor must we repeat what I have said before, only he who shall sum up the *West, North-West, and South-West* Winds, will find that every *Aspect* bears towards the *Westerly* and *South-west*. What then? Do no *Aspects* incline at all to the *Eastern* point? I have reason to believe the affirmative, as hath bin said before; as also for the Winds under the *Right Sphere*, which are seldom not *Easterly*. And seeing now 'tis confessed by all our Voyages, that the *Sun* on the *North-side* of the Equator modifies the cooler gales into a *North-East* Wind, as on the contrary, on the *South-side*, to the *South-East*; I have reason to believe that in our *Northern* Climes no *Aspect*, Lunar, or other, inclines to *Northerly* Winds, because no Planet comes so high as to get *Northward* of us, how great soever may be their *Boreal* Latitude, saving to the *Aspects* of ♃ their privilege for a *Northern* gulf; of which Mystery in its place. Howbeit, that some of those *Aspects* before us incline to Eastern Blasts, appears from the Table, where almost All the *Aspects* bring as much, or more of the East point, than of the West, except perhaps the second ☐△ and \*, yea, and of the North-East point, in respect of the North-West, and that in notable disparity, unless the Second ☐, The difference but of three may not be considerable.

§ 26. Can I give no Rule for an East-Wind to an Expectant Mariner? No other at present but this upon the ☽'s account; he must regard the First ☐. the Last △. and the Second \*. If this will not do, the ☽ will not help him.

More I could say, and more may a Sagacious Reader fish out from the Table, or the like of his own composing, which may be done from a more exact or more extensive Diary. At present I bid all the Lunar *Aspects* *Good Night*.



## LIB. II.

CHAP. I. *Conjunction of Sol and Mercury.* ☉ ☿.

1. The Aspects Direct and Retrograde. 2. Whether the Phenomenon of Retrocession be real. 3. The Earth in the Mosaic System. 4. The Interest of the Creation, a Planet Retrograde. The Copernican Solutions: the Fallacy of Sense. 5. Pretence of the Parallax. No proportion between the Earths Orbit and the Firmament. 6. Appeal to observation. 7, 8. Retrograde Course not absurd in Nature. 9. May be performed by magnetisme. 10. Whether the Celestial Motions be absolutely incredible? 11. The Earths Motion, as improbable. 12. The Sun must move. 13. Light moves in a Physical Instant. 14. The Prognostic principle, firm. 15. Mercuries motion settled by Kepler. 16. ☿ little, yet powerful. 17. Powerful, though a Reflexion. 18. Not a naked Reflexion. 19. Not the less powerful, though seldom visible. 20. The Aspects effects. Wind, Rain, Heat. The Antients introduced Ptolemy 21. Virg. Seneca, &c. being Husbands and Philosophers. 22. The Arabians. 23. The Moderns. 24. Assertion of ☿s influence vindicates Astrology. 25. Even Mercurio-Lunar Aspects are of great Power. 26. Influence on Lightning, &c. 27. ☿ not of an Ambiguous Nature. 28. The Table. 29. Influence abridged in its proper Synopsis. 30, 31, 32. Demonstrated thence through all Constitutions. 33. Our Astrology is noble Philosophy. 34. The retrograde Aspect influential. 35. How ☿ ☉ and ☿ bring more Winds and Rain than the ☉ ☉ and ☿. 36. ☿ more windy than rainy with the Antients. 37, 38. Nautical Observations for the Influence of ☉ and ☿ on winds. 39, 40. Objections answered. 41. All the Chaldee Philosophy not superstition. 42. Proportion of the success of the Aspect as to Weather. 43. The retrograde Aspect brisker than the rest, and nearer to Infallible. 45. The Reason. 46. ☿s impression greater than the Lunar, evinced from the Hail. 47, 48. From Thunders. 49. A Table of Thundering Conjunctions from 52. to 83. 50. From Keplers Diary. 51. ☿ is influential at several distances. 55, &c. ☿ hath some influence on Earthquakes. 56. A List of Mercurial Earthquakes. 57. Platonic Conjunction of ☉ and ☿. 58. The vulgar Objections answered the first time. 61. It is not indifferent where ☿ is placed. 62. The Aspects influence on Fiery Meteors. 65. Prodigious Hail, fiery Hailstones. 66. Planetary Congresses conduce to Comets. 69, 70. Friendly collation with the Dissenter. 71. Gassendus treated at large. 76. The Power of Aspect from subterranean evidence. 78. The same day Twelve month is not the same day Astrologically. 79. Days may be produced which Rain 8 Days in 9. 81. Discourse with those who object the contrary to the Prognostic to succeed as often as the Prognostic its self. 82. Prediction falls under natural Knowledge, 83. Triumph over vulgar Prognosticks, not so generous.

So

§ 1. SO, with much ado, we take our leave of the ☿, the next that rises in our Eye, is *Mercury*: 'Tis ☿ with the ☉. An *Aspect* we meet with (the *Lunar* excepted) most frequent; presenting it self afresh every two Months, or thereabouts. Now this Planet, as all others, except the *Luminaries*, being found sometimes *Retrograde*, as well as *Direct*, meets the ☉, in either course alternately, though with some difference; First, in *Situation*, being in his *direct* course found to be *higher* than the Sun, and *Lower* in the *Retrograde*: Next, which is more considerable with us, the difference of *duration* or space of time; for in the *Retrograde* the *Aspect* holds not above 3 days, in the *direct*, sometimes *five* or *six* Days (notwithstanding in the subsequent Diary I never recount above 4 days, to the no small disadvantage of the *Aspect*) because in the Former, they journey both like good Companions, the same way; in the Later they fly off o'the suddain, as they must needs, who go contrary ways.

§ 2. Whether this *Retrocession* of ☿ and the rest, be *Real*, or *Apparent* only, we know 'tis the great Question between the two *Systems*; and we are aware how scandalous it is to leave the *Darling Notion*, and adhere to the *Tychonick*, since all the great Neotericks have espoused the *Copernican*: In Policy also for my Hypothesis sake, that it might find more easie admission in the World (for no man will receive Truth it self, unless he be sweetly disposed thereto) I might say, 'tis all a case whether the Phenomenon be so or not.

§ 3. Thus far I can go, I have reason to believe the Planetary Motions to be *Heliocentrical*, *Galileo* hath made it out: but I heartily beg Pardon, I have no cogent reason to believe that the Earth is a Planet, moved in the Expansion of Heaven, either with *Diurnal* or *Annual* Motion, to solve the *Appearances*. But, (I speak to those who have some kindness for it) I know not why the *Mosaic System* should be renounced. I agree, that Scripture may express it self according to common apprehension: but in our case 'tis more than so, her Expressions seem founded on a *Primæval Tradition*; which from *Adam* to *Noah*, from *Noah* to the *Jewish Nation* (as his VII. precepts also did) may resolve ultimately into *Divine Revelation*, the voice of *Him* who best knows the Universe, because he made it; Known was it of old, that the Globe of the Earth (a great Truth) is Round, and that it hangs on nothing, fixed on its own Centre. Nor doth the Scripture speak here, *Secundum captum vulgi*. And what saith the Leading Book of the World, (that is) the *History*? it saith that at the beginning of Gods own System, the Earth as the Waters hung in *vacuo*, for Darknels, Privation and nothing else did encompass it, till He was pleas'd to say Light, which being created for distinction of the *Day* and *Night*, made it move from the *Opposite Hemisphere* (where it was first created) to the upper Hemisphere of the Eastern Countrys, so that *Even* and *Morn* made out the day; the *Light* was not first created, and then the *Earth* to move towards it, but contrarily, He made the *Earth* first, and the *Light* to wheel about, so the *Earth* was the *Centre* of that Orb of *Light*. If the *Sun* had bin made the *first* day, all things had went *Mathematically*; the *Centre* first, then the *Circumference*. Or if this *New Planet* the *Earth* had been made the *fourth* day, and bin placed in the *Expansion* with its fellows, who would not have reckoned the *Earth* among the Planets? But the *Expansum*, in whose utmost Lofts the Planets are placed, 'tis manifest, begins at the *Earth* (the *Terraqueous Globe*) thence dividing and parting those *inferiour* Waters from the *Superiour*, setting them at their due distance, the *Terms* of which distance are of one side the *Earth*, and those *Waters* on the other side the *Firmament*. Now, if this Expansion be *uniform*, and alike in all Hemispheres, I see not but that the *Earth* must hang in the Middle of the *Firmament*.

§ 4. Bu

¶ 4. But whether this Explanation hold or no, I affirm 'tis the Interest of the Creation, that the Planetary Motions should be as *direct*, so *Retrograde*, *Direct*, for the ordinary Uniform dispensation of the year, and its Seasons, equally distributing to all their due *Signature* and *Temper*: But *Seasons* we know, do sometimes seem *short*, and at other times are *prolonged*. *Winter* holds longer one Year than another, and Heat *renews* it self at the Latter end of Summer, in *August* (suppose) or *September*. What is the matter? One Reason is, Planets by *Retrocessions*, play their Lessons over again, they walk such an Arch of Heaven, a *second* and a *third* time, which in a *direct* course they measure but once. Then the *Station* of a Planet is a *great* occurrence, and causes *Extremity* of Weather; you cannot dip into a *Diary* but so you will find it, the Effect is apparent. The Cause must be *real*: Nay, saith the Hypothesis, not real in *its self*, but real *to us* it may be, as the Suns Eclipse: Or, to come nearer, his *rising* or *setting*: For do we not see, say they, that when we part from shore, the Bankside, and all the Buildings seem to *recede* from us: yea, when in a clear Night we ferry over the River, do not the ☽ and Stars fly apace from us? even so upon the *Motion Annual* of the Earth, the Planets seem to *recede*, when as, indeed, they continue a *regular* undisturbed Course. But this doth not yet clear off the Objection; for the Shore and the Buildings, and the ☽ and the Stars, though they *seemingly* fly amain, yet withal among themselves they are found to keep their *Station* and due distance one from another: In the Planetary *retrocession* 'tis otherwise, for they alter their Places in their Orbs, and under the Constellations to which they are subject. When I put off from *Pauls-Wharfe*, the Houses *recede* and fly from me, but at no hand change their *Station* among themselves, their *Ground* or *Distance*: The Houses on the Wharfe run not for haft, *behind Pauls Steeple*, or come one Inch the nearer, then they were: Nor do the ☽ and Stars, *however* hasting away, for *any* motion of mine alter their respective distance, among themselves whatsoever they do in order to me. So the Planet  $\eta$ , when in his *direct* course he passed the *Hyades*, as in the Month of *Octob. An. 1677*. By his *Retrograde* pace He got engaged in the midst of them again, *Jan. 1678*. Yea, in *August 1676*. he was past the *Pleiades* also, in the Month following: In *September, October, November*, he returned and passed them a third time; and 'twas curious to observe how he inched along in the Retreat of his, where his *least* motion, in other places not so sensible, was here more distinct and conspicuous, being adjusted by such little Measures, viz. the *Petit* distances of the *Stellulae* of the *Pleiades*. This being a noble Instance, may suffice.

¶ 5. To this 'tis answered, that the Parallax of the Planet, and the difference of Prospect makes this seeming alteration, the Planets hanging much lower than the Firmament, so that the Earth approaching toward the Planet, casteth the Sight of its Inhabitant to one point *forward*, and when it hath passed the same, it casteth to a *contrary* point. Yea but you see therefore I Instance in  $\eta$ , who, they say, hath little or no *Parallax*, so exalted is he, and so near the Firmament. Next, if there be any such Parallax in  $\eta$ , then there would be found such difference of Motion even among the *Fixed*, since They also be in different Orbs, or Heights; on which account some shifting of place would, even there, be discerned. They answer, that there may be made some such observation in time, perhaps. *Kepl. Epis. Astron*: So a 1000 years hence we shall perhaps, see somewhat or nothing; for a 1000 years backward there hath been no such thing. Others deny any proportion between the Earth, nay between the Orb of the Earth, (a *swinging Circle*) and the *Fixed*; No proportion? How comes it to pass then in measuring the Universe, Miles 60. or 70. answer to a degree? A degree, and that in the Firmament, when the Stars hide themselves Northwards, or



ward, if we walk from either side. How comes it to pass that the *Day increases*, unless a *Degree* in the Earth's Annual Motion *answer* to somewhat considerable in the Firmament?

§ 6. It is affirmed that the Planets, while seeming Retrograde, do keep on their *direct* course: let experiment be made by some Observator (within the Tropicks it must be) where the Planets to such and such portions of the Terraquæous Globe, do sometime become Vertical, at what time all Parallax ceases; whether any of the Superiours retreating to any notable Fixed Star, be not to be found there where *Tycho* states him, rather than where the Hypothesis pretends; whether it be not found near the Fixed Star, or Constellation, as really when it receded thither, as when it first met it in its direct motion. This Astrologers are sure of, that the same Effects of Heat and Rain, &c. are found in the *Retreat*, as in the *March*.

§ 7. And why should a *Retrograde* course be so *absurd* in Nature? To avoid which, we must fix the Sun, and Bowl the Earth about. Do we make the Planets thereby *Animate*, or mov'd by *Intelligences*? Or is it *indecorum*, that such irregular Motions should be found in Cælestial Orbs? Alas! The ☉ and ♃, the Luminaries themselves, though they retreat nor, yet they have their Anomalys, their *Apogæe* and *Perigæe*, Deviations, Latitude, far from being *Homocentrical*, as possible the Infancy of the World, with *Fracastorius* since might Imagine. We see afterward they found out *Eccentricques*, and when that would not do, added *Epycycles*, and ventur'd the *Decorum*, which yet they were apt enough, as it were, religiously to establish, for the Honour, as they thought, or the Divinity of the Cælestial Bodies.

§ 8. But 2ly. What is the *Return* of the Luminaries from the Tropiques, but a kind of *Retrocession*: From the Hyemal to the Æstival Tropic, they proceed *direct*; from the Æstival to the Hyemal they *retreat*, and go back from whence they came: All the difference is, they came up on One side, and go down on the Other side of the Hedge (the Colure.) Nor must it be said, 'tis no retrocession, but a progressive Motion from the North-West, to the South-East, about its proper Centre: The Answer will fit, if the Planetary Motion were simple, measur'd by that oblique Circle only; but when 'tis a compound Motion, not in a *simple* Circumference, but in a *Spiral Line*, fixt to no material Orb, but performed in a free *Æther*; how comes it to pass that they know their utmost Latitudes severally, the Sun not daring to venture so far as the ♃ doth, or ♀ sometimes. *Galileo* justly wonders at Motion *Circular*; what then is *Elliptical* Motion? What is Motion with *variety* of Latitude? What is Retrograde? 'Tis all but *Wonder*, and he who studies Nature, meets with nothing more ordinary.

§ 9. In my poor Judgement this Retrogradation gives its own account, for it happens at such *determinate* times, *viz.* the *Opposition* of the Planet to the Sun, which even in ♀ and ♄ is true; for the utmost distance is the *quasi Opposition*. So that now 'tis manifest the ☉ is the *Cause*; no fear of making the Planets *Animate*. For who, almost, grants not that there are *Cælestial Magnetisms*, as well as *Terrestrial*; that the Planets are *Magnetical* Bodys touched by the Sun, (Sure it may be so explained) and thereupon move faster when in ☌ with him, *direct*: So upon the ☌ they may, for all I know, be *repelled* for a little space, seeing 'tis no News in a Magnet, though Wonderful it is, that One Pole *attracts*, what the other *repelleth*.

§ 10. But what shall we do, if the Motion we assign is *incredible*, the Sun must move in our Opinion 300 Miles, in the time almost that our Pulse beats, and the fixt Stars above so many thousand, which is abominable. R. For the

the fixed Stars, I have reason to believe that they which bring them nearest to us, take the rightest measures. And *Cartesius* was so wise as to suspect it; Howbeit, the least distance assignable is stupendious; but who stands not amazed at the Contemplation of the Universe? The Umbrage of the incomprehensible Deity! Where shall we allow Wonders, if we shall not allow them in the Heavens above, nay even at our Feet? Go we to the *Microscope*, the least Sand in the Hour-Glass must consist of thousands of Corpuscles less than it self; which you may believe, if you can fancy it resolved into a Fume. How much Fume will Nature require to make up such a Solid, though little, Substance? But in the Heavens, there 'tis broad day, where the Vulgar can discern Wonder; and if they object, that their Motion is incredible, is not their Bulk incredible, the *Distance* incredible, every thing futeable? The Distance of the Firmament in the *Hypothesis*, is almost infinite, *neque pulet* saith *Copernicus*, nor are we ashamed to say it. But is their any Circumference so great, where Nature hath placed a free Body, but she can teach it to describe the same in any time given? Cannot God make his Works even? If Nature can create motion, it can accelerate it *in infinitum*, as number may be augmented; and if circular motion it self is a Miracle, as *Galileo* saith right, let him enhance his Wonder in the Velocity Actual or possible. Our Understandings are narrow as our Expressions; we must enlarge them. We stand amazed at the multitude of Siphres, and yet we believe the number of *Archimedes* his *Arenarius*. There are some things incredible in Nature, Even after Sight we cease not our Wonder, we desire to see them again. I never us'd the *Microscope*, but I admired, I grant, our Motion therefore incredible, that is to say, marvellous; none of the *Copernicans* have dared to say, 'tis absolutely false or impossible. God who has made Light to move for thousands of Miles in an instant, by a streight Line, may make it move a femblable space through a Circle, if the use of the World requires it.

§ 11. The Earth it self, according to the System, moves 900 Miles in an Hour, *Kepler. Epit. part. 5. page 107.* upon which account it must move 15 Miles in a Minute, and a quarter of a Mile in a Second, in the twinkling of an Eye. And is not this incredible of the Earth, that her old Bones should move so fast, considering the Heterogeneity of its Parts, and want of cohesion. And this is but the Diurnal Motion, for the Annual City goes a full Mile at that moment.

§ 12. Add the very Idea of Moon, which, though never so natural, if swift, consists in a hurry, a disquiet of all parts of the Body, tangible or spirituous, from Centre to Circumference. And therefore they tell us that our Stars cannot move so fast, for fear of flying in pieces, but their Earth may move in a trice, Diurnal and Annual, and not a Leaf tremble; though once or twice a day it must give a shock too, say Some of them, a little stop to reverberate the Sea, and salve the Tides of the Ocean. Well may they feign the Earth is an Adamant or Magnet towards the Centre, for its outward Gravelly Crust was not made for Motion, with all its Coal ore and mineral, Lake and River, and Spring in its Bowels; This we are all sure of, and as for those vast Bodys above we are not sure, not in the *it* self, though we are willing to fancy Water, yet sure no Gravel, &c. or the like, nay 'tis agreeable that they should be more Simple *Homogeneous*, and of purer compoiture, according to their *Medium* where they range, as the *Aether* is of purer, more refined Spirit than the muddy Atmosphere. Imagine but the Plane of the *Ecliptic*, or *Equinoctial* Real, and the Planet nearest the Centre (be it what it will) to move but a quarter of a Mile in a scruple of time, and then there is necessity of Nature, it must needs be that the Fixed and the Circumference must describe so prodigious a Circle, and what

what hinders but that there may be as much consent between the Fixed and the Planets, as if they were all engaged in a material Circle? The *Copernican Hypothesis* is not unwilling to such a Fancy, as far as it goes, and the *Ptolemaic* will not stand out.

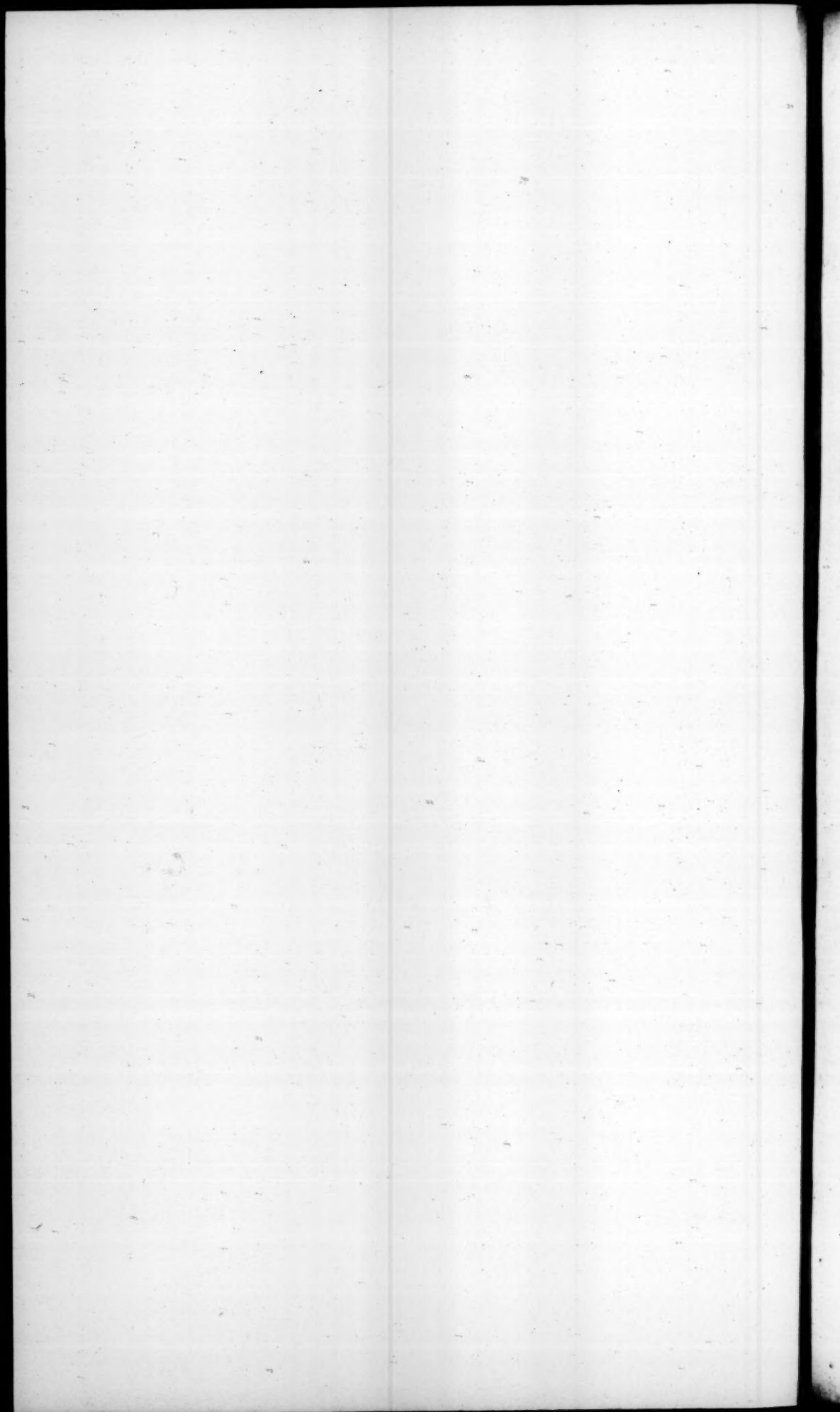
§ 13. As for the Sun's particular, methinks 'tis made for Motion, 'tis *Spherical*, 'tis *Fire*, 'tis *Light*, Fire and Light is *Spirit*, the Motion *inconceivable*, witness Lightning so swift, as the Dr. saith, that a man scarce dare say he saw it. Nay, by their own confession, the Sun moves too, upon his *Axis* - 'Tis impossible the Sun should rest. Pardon me if I say ordinary illumination, and the *incredible* expansion of Light makes it out, rightly considered, moving even in an *Instant*, not shaking the Air first, and so with successive Undulation reaching the Organs, as in *sound* 'tis manifest, but preventing all such slow paced Addresses, *shoots* its way through the *Medium*, eluding, if not overcoming all the Resistances, *Cartesius* himself granting the Light is seen in a Moment; which if it be done by impulse, as he would have it, cannot be so sudden, as I think I could demonstrate; it must therefore be by our monstrous, miraculous (for so it is) though Natural Emanation (*i.e.*) Local Motion.

§ 14. All which notwithstanding, and what soever more may be said elsewhere, if it proves to be *Non-conclusive*, we must need averr, that our principle of Prognostic is unquestionable; howbeit, it maybe some will not reconcile it to the New System, though other happier Theorists can; and there may be several unquestionable Truths, for which perhaps, we have not yet found their Conciliator.

§ 15. Other offences cast in our way, are of less moment, seeming to make against the Influence; as first, that he is one of the *Least*, and much cannot be expected from a little. Neither is the motion of this Planet, as yet, exactly determined: The motion it seems, being more intricate, and the appearance of the Planet more seldom, at least in these more temperate Zones. To this we may say, that among the many other things for which Astronomy is indebted to the great Mathematician *John Kepler*, this is none of the least, that he ventur'd to rectify the Motion of  $\gamma$ , setting it back two whole degrees; the more to be prized, because the diligent *Venetian* *Andrews Argolus* having since undertaken also to correct the *Prutenick* account, though in a more Southern Clime, wherein he had greater advantages, hath not hit the Mark so near as the happier *German*. For let me account this of some Weight, while others use their Pleasure, that *Keplers Calculation* manifestly agrees with our pretensions, as in some parts of Heaven is easily discerned; while that of *Argol's* doth not. In all my observation I do scarce remember that I could wish our Planet a degree forwarder or more backward to answer for our Effects. *Kepler* therefore when he fluctuates concerning his own Account, though not in his Elongation from the  $\odot$ ; yet, as to the  $\delta$ , not daring to affirm, but that he may mistake 4 or 5 degrees in his *Explicat. Fundament.* p. 15. *ante Ephem.* 1617. might have set his Heart at rest, in as much as I can assure him, that he was *never wide*, a degree entire, but as happy as need to be; so that that fluctuation of his, as it happened, proceeded not from his unaccuracy of the Account, but from want of sight, sometimes, how to reconcile the State of Heaven for that day; with that single Aspect; which, as we have pronounced: all the way, is vain and impossible: The contrary whereof, though he, (as we are all found of our own Proposals) yet when he is put to it, that he might solve the Correspondence of the Effect with the Planet, to alter the Calculation for two days, he refused, with resolution. *Nequis esse tantus Error calculi.*



1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9  
 10  
 11  
 12  
 13  
 14  
 15  
 16  
 17  
 18  
 19  
 20  
 21  
 22  
 23  
 24  
 25  
 26  
 27  
 28  
 29  
 30  
 31  
 32  
 33  
 34  
 35  
 36  
 37  
 38  
 39  
 40  
 41  
 42  
 43  
 44  
 45  
 46  
 47  
 48  
 49  
 50  
 51  
 52  
 53  
 54  
 55  
 56  
 57  
 58  
 59  
 60  
 61  
 62  
 63  
 64  
 65  
 66  
 67  
 68  
 69  
 70  
 71  
 72  
 73  
 74  
 75  
 76  
 77  
 78  
 79  
 80  
 81  
 82  
 83  
 84  
 85  
 86  
 87  
 88  
 89  
 90  
 91  
 92  
 93  
 94  
 95  
 96  
 97  
 98  
 99  
 100  
 101  
 102  
 103  
 104  
 105  
 106  
 107  
 108  
 109  
 110  
 111  
 112  
 113  
 114  
 115  
 116  
 117  
 118  
 119  
 120  
 121  
 122  
 123  
 124  
 125  
 126  
 127  
 128  
 129  
 130  
 131  
 132  
 133  
 134  
 135  
 136  
 137  
 138  
 139  
 140  
 141  
 142  
 143  
 144  
 145  
 146  
 147  
 148  
 149  
 150  
 151  
 152  
 153  
 154  
 155  
 156  
 157  
 158  
 159  
 160  
 161  
 162  
 163  
 164  
 165  
 166  
 167  
 168  
 169  
 170  
 171  
 172  
 173  
 174  
 175  
 176  
 177  
 178  
 179  
 180  
 181  
 182  
 183  
 184  
 185  
 186  
 187  
 188  
 189  
 190  
 191  
 192  
 193  
 194  
 195  
 196  
 197  
 198  
 199  
 200  
 201  
 202  
 203  
 204  
 205  
 206  
 207  
 208  
 209  
 210  
 211  
 212  
 213  
 214  
 215  
 216  
 217  
 218  
 219  
 220  
 221  
 222  
 223  
 224  
 225  
 226  
 227  
 228  
 229  
 230  
 231  
 232  
 233  
 234  
 235  
 236  
 237  
 238  
 239  
 240  
 241  
 242  
 243  
 244  
 245  
 246  
 247  
 248  
 249  
 250  
 251  
 252  
 253  
 254  
 255  
 256  
 257  
 258  
 259  
 260  
 261  
 262  
 263  
 264  
 265  
 266  
 267  
 268  
 269  
 270  
 271  
 272  
 273  
 274  
 275  
 276  
 277  
 278  
 279  
 280  
 281  
 282  
 283  
 284  
 285  
 286  
 287  
 288  
 289  
 290  
 291  
 292  
 293  
 294  
 295  
 296  
 297  
 298  
 299  
 300  
 301  
 302  
 303  
 304  
 305  
 306  
 307  
 308  
 309  
 310  
 311  
 312  
 313  
 314  
 315  
 316  
 317  
 318  
 319  
 320  
 321  
 322  
 323  
 324  
 325  
 326  
 327  
 328  
 329  
 330  
 331  
 332  
 333  
 334  
 335  
 336  
 337  
 338  
 339  
 340  
 341  
 342  
 343  
 344  
 345  
 346  
 347  
 348  
 349  
 350  
 351  
 352  
 353  
 354  
 355  
 356  
 357  
 358  
 359  
 360  
 361  
 362  
 363  
 364  
 365  
 366  
 367  
 368  
 369  
 370  
 371  
 372  
 373  
 374  
 375  
 376  
 377  
 378  
 379  
 380  
 381  
 382  
 383  
 384  
 385  
 386  
 387  
 388  
 389  
 390  
 391  
 392  
 393  
 394  
 395  
 396  
 397  
 398  
 399  
 400  
 401  
 402  
 403  
 404  
 405  
 406  
 407  
 408  
 409  
 410  
 411  
 412  
 413  
 414  
 415  
 416  
 417  
 418  
 419  
 420  
 421  
 422  
 423  
 424  
 425  
 426  
 427  
 428  
 429  
 430  
 431  
 432  
 433  
 434  
 435  
 436  
 437  
 438  
 439  
 440  
 441  
 442  
 443  
 444  
 445  
 446  
 447  
 448  
 449  
 450  
 451  
 452  
 453  
 454  
 455  
 456  
 457  
 458  
 459  
 460  
 461  
 462  
 463  
 464  
 465  
 466  
 467  
 468  
 469  
 470  
 471  
 472  
 473  
 474  
 475  
 476  
 477  
 478  
 479  
 480  
 481  
 482  
 483  
 484  
 485  
 486  
 487  
 488  
 489  
 490  
 491  
 492  
 493  
 494  
 495  
 496  
 497  
 498  
 499  
 500  
 501  
 502  
 503  
 504  
 505  
 506  
 507  
 508  
 509  
 510  
 511  
 512  
 513  
 514  
 515  
 516  
 517  
 518  
 519  
 520  
 521  
 522  
 523  
 524  
 525



§ 16. To the First then, that § is but a little Planet, I answer; it may be so, and yet be a great Body in it self. Compared with greater, the Earth is but a small Body; and yet the Earth is a *vast* Body to all that Circumnavigate the Globe, yea, or go to the *Indies*; yea, to all who travel but nearer home, measuring step by step their Countries Length or Breadth, and so *widen* out our thoughts to the Comprehension of the whole, by duly considering the proportional part. 2. A little Body though it be, it may be a *great Instrument*; if we go to the Dimension of the Planet, the ☽'s influence is known to be great, and yet the ☽ is certainly less than the Earth by much; the very shadow of the Earth at a great distance from its first projection, bears a greater Diameter than the Body of the ☽, in all total Eclipses.

§ 17. Yea, but § is but a *Reflexion*, only as the *Telescope* shews; it waxes and wanes, is horn'd and gibbous as the ☽ it self: the like is said of ♀, *Venus*! yea, and some body else, we fear, unless they find *Satellites* to help him out. However the ☽ will help us, and teach us that Reflexions (for what is she else, that hath not one spill of Light of her own!) May be potent Influencers. Grant the rest of the Planets to be as so many *Moons*, and we need not make Hue and Cry for Foundation of Astrology.

§ 18. But this will not content us; we challenge for § a *greater Influence* than that of ☽. A ☿ ☿ § will do more than a ☿ ☿ ☽, and more evident. Lo ye now! We speak out; because if we do not speak out, few will attend to what we say. Now, if so it proves, what is wanting in Dimension, may be made up on other accounts; *viz. Vicinity* to the ☿ *different Motion*, the very Constitution and *Fabrick* of the Planet; for suppose by miracle, the Ocean should recede, like *Jordan*, and we could walk in the depths of the vast *Alveus* dry-foot, should we not discover more of the Make of the Earth, the Roots of the Mountains; and the strong Barricado's of the Rocks, innumerable Cells for Minerals, and passage for Communication of Waters? Ask but the *Miners* in *Cornwal*, or in the Dominion of *Germany*; search with the *Spaniard* the Bowels of the Earth for Ore; go down so low till you despair of returning, and tell us the News from the Centre; must we not in all reason think that a Planet is more than a Reflexion from a Pewter Dish? Of so vast a Circumference, and uniform, solid. No doubt in this sense there is a World in the ☽, and all the *Caelestial* Bodys, whose variety is hidden by their distance, and *concealed* by their very *Light*.

§ 19. These things, though as probabilities only, will help to solve another Objection, and encourage me to say that the *seldom appearance* of §, though a Potent Planet, agrees very well with the Wisdom of the Creator, who thought it not necessary that *All* his Instruments should be alike exposed to View: For neither is the ☿ ☿ ☽ visible to the World; 'tis only ascertain'd to us by Calculation; so the greater is the Admiration many times of the Effect, when the Machine is in the dark. As to the Effects I even long to have produced them.

§ 20. These Effects are, we say, *Wind* and *Rain*; or in case of a more calm and dry Constitution; a *notable* and signal *Warmth*: By that very testimony shewing his Power and Promptitude toward the exciting of a turbulent State. And let no wise man think the contrary, till he hath observed one year round, and 6 or 7 at least of these Conjunctions; being aware of the disparagement, which inevitably cleaves to all *rash*, though great *Opinators*, when their Sentiments are dissonant to as great and obvious Truths. But stay, what are we? Seem we not arrogant, and imply that none hath said so before us? Let us sweeten our way by premising something of Authority. Although *Ptolemy* and the *Arabians* are not of so much re-



pute, yet right may be done them. In the judgement of the Weather, neither of them are so venturous as to pronounce for each particular day; but enlarge their judgements to no less than a *Lunar Hebdomade*; the New ☾, the First Quarter, &c. At which critical times they raise a *Scheme*; and pronounce from the Planetary Dominions therein curiously observed, which Curiosity, though we have had reason to discard, as being palpably made up of *Imaginary* Requisites, or at least *Alien* to our purpose: Yet we have Reason to lend some Ear to what is here and there confusedly delivered, as Effects of the said Dominions; in as much as the Aspect is always an ingredient into that Notion of *Dominion*. Ptolemy then is clear that ☿ in Dominion is apt to raise winds, brisk and boisterous. *πνεύματα ἀτακτα ὡς ὄψια καὶ ἐκτυπώματα* Lib. 2.

§ 21. But those who were not such Artists, had got the *Notion* of the Planetary Efficacy, as appears from *Seneca*, *Virgil*, both *Philosophers*, and I was going to say *Husbandmen*, who had skill in the Weather, even without a Scheme; *Virgil* the *Senior* instructs his Pupil to regard all the Planets, for so I gather, when he mentions the two Extremes, *Saturn* and *Mercury*, that he comprehended all the intermediate; and so *Seneca* understands him. Before he did not exclude *Mercury*.

*Quid tempestates Autumni & Sidera dicam,*

*Quæ vigilanda Viris; vel cum ruit imbriferum ver.*

Now what Aspects Planetary doth he bid them watch and attend? Nothing but a little Wind; or Rain; or Tempest, least the one prejudices his Corn, the other his Herbage: Nothing but a little drowning of all his Hopes, and Tearing his Corn up by the Roots: This the honest *Virgil*. Thus far got the *Roman* Astrology then: *Frigida quò sese Saturni Stella receptet, Aut ignis Cæli Cyllenius errat in orbes*. That's our *Mercury*; whom the Poet calls elsewhere *Swift*; because saith *Servius*, (a man of Sense) it shews it self after eighteen days, when it had disappeared before by its Vicinity to the Sun. The use that I make of it, is this; That the Husbandman in *Italy*, especially in *Spring* and *Autumn*, which were noted of old at *Rome* for more tempestuous than ordinary; having observed the appearance of the Planet, might be aware of the Tempest under his Occultation; or disappearing. Old *Homer* himself, *Iliad* 16. tells us, so much as the *Autumn* is Stormy, but before *Virgil's* time; you see, they had learned some Reason.

§ 22. Now, If I shall not fright my Reader, I shall mention *Albumazar*, 700 years after, from his Treatise, *de Magn. Conjunct.* that he agrees fully with our Character; which I gather not from express Words (for Astrology was not so distinct in those days) as by consequence; the Doctrine which he delivers supposeth his Character. For, if ☿ brings Wind and Rain in 9. Signs of the Zodiaic, and Heat in 6. Then— But so it is in E.— Therefore— And if 400 years after that, *Haly* goes further, and ascribes Wind or Rain to XI. of the XII. Signs, as our Countryman *Escuidus*, famous in his time, (i.e.) above 300 years since, delivers in his great sum Astrological, *Dist* 4. Cap. 7. (Let the Reader pardon my thin Astrologic Library.) Then, *ut supra*, our Character hath some Abettors. Now, though it be true that there is a great deal of *Riff-Raff* in these Ancients, *Albumazar*, &c. such as would make a Christian sick to read them, yet this must be own'd in these and other Gentlemen, that whatsoever sparkling Gems of *Natural* Truth lies rudely incorporate in these *Arabian* Rocks, they ought to be severed, laid up and polish'd, till their price may be discernible. Next, that though 'tis usual for Astrologers to take Aphorisms upon trust from hand to hand, even as other Professors also do; yet 'tis very improbable that these Notions should be continued from *Ptolemy* to *Albumazar*, thence to *Haly*, from him and others to this Age, unless Experience hath born testimony to the Dictate

Since:

Since Experience once asserting the contrary, these Definitions would long ere this have vanished into *Air*; and what is more empty, *A Lie*.

§ 23. Enough then for the Antients; come we home to our times more Nature and searching: what do they say? We have heard already one good Man, that cry'd *Quis nescit*, who knows not the Power of ☉ and ♀ in Conjunction; and again, *Conjunctio ☉ ad ☿, quorum in Meteoris magna vis est*, (We read no further) are the Words of that great Vranologer John Kepler, one who thought that the motions of the Stars were *dry Musique*; dumb Shews, unless they were indued with *Causality* as well as *Lustre*. And again, *in commovendis tempestatibus multum valet, de stella nova: pag. 40.* and the same I believe he proposeth 40 times; so that he doubts sooner of the Calculation of the Aspect, than of the Influence belonging thereto: Since him the diligent Inquisitor in *Stetin*, who observed 20 years and upwards, bears witness to the Truth in *Keplers* own Words.—*Mercurius in commovendis tempestatibus* (saith he) *plurimum valet, Quod & Kepler affirmat.* Not thereby relying blindly on his Authority, but assuring his own Experience in concord with it, as the Words carefully attended do import. Nor must we make Orts of the *Norimberg Diary* for 30 Years by *Kyriander*, who hath annexed together every ☉ and ♀ amongst the rest, from 1623. to 1647. even 150. and upwards; Printed at *Cassel* in the *German* Language, *An. 1651.* from which just experience he lays his *Regula V. p. 103.* on the Definition of this Aspect: Now can any sober Man, without breach of Modesty, say, that after 23 years observation, a Person of Quality, such as he is suspected to be, and a Scholar, should expose himself so far to the World, as to publish such *Flams* to the World, as his Rules must be presumed to be, if ill propounded, in such instances whereof, all the Town, yea, most of the *German* Nation are judges.

§ 24. *All the Fate of our Astrology* depends on this one Configuration, for if we carry the Cause here, the *Dam* is broke, where all the Stream of the Heavenly Bodies, Fixed as well as Erratique; gain their Current. If *Mercury* be granted to signify to purpose, then not the *Sun* alone, nor the ♀ alone, are Influential. There is one *Mercury* hath a proper Influence as well as either. And if *Mercury* then why not ♀? Why not ☿? &c. Names I wis of greater Account than ever ♀ was in Heaven, Political or Astronomical. For you remember we are *Challenged* to prove that any of the Cælestials, besides ☉ and ☿ can do any Feats. This *Challenge* we come now to answer.

§ 25. Besides the Sun and Moon we assert ♀'s Influence, even as the Sun and as the Moon. For let us aspect *Mercury* with the ☿, in ☿ or ♀, (for ♀ bears all Aspects to her) we shall find them to turn to such an account, as that the Sun it self aspected to the ☿, cannot do more. For to say nothing of *Wind* and *Rain*, &c. wherein the *Mercurio Lunar* Aspect equals the ☉ it self, you shall find in *Keplers Diary*, *Thunder* and *Lightning* 6 times in 7 Years, yea, if we consider the *Mercurio Lunar* ♀ also, we find the same Effect 3 times in 4 years, which is not to be found in the *Soli-Lunar* Opposition.

§ 26. Hear then what *Ptolemy* saith, whose words are, speaking of ♀'s dominion *Ποιεί, saith he, ἀσφαδὲς καὶ φλογμὸς, Lightning, Fiery Meteor, &c.* adding what he never said of the ☿, that it makes *χάσματα, Hiatus Chafmes*, and Trembling. *Σεισμὸς*, even Earthquakes, the most horrible of Prodigies. Ha! saiest thou so old Boy? I fear before we have done, we shall find some Truth in this thy *Romantique Piece*.

§ 27. In the mean time we do not understand what the Antients seem to pretend, that he is of an *Amphibious* Nature, conform to all he shall meet with; be *Moist* with the moist, and *Dry* with the Dry: For his Nature is deter-

mined to Warm, inclining to *Moisture*, though sometimes Cold and *Drowth* appears when he is left destitute of his Consorts; or as we may term it, *afflicted* by a contrary Influence: So doth the Flame give a clear Heat, and the Chime an acute Sound; yet both, often times diverted by the whistling of the Winds, are less Heard or Felt. They might in our Judgement have pronounced *Saturn* and  $\delta$  to be of Constitutions *Indifferent*; for even they are found sometimes accompanied with *Dry*, sometime with *Moist*. But the  $\delta$   $\odot$   $\ddagger$  returning more often than  $\delta$  and  $\eta$ , did more amuse the Observer by its more frequent inconstancy, and that made them defend what is scarce intelligible concerning  $\ddagger$ 's Nature, though the same inconvenience of Constitution is found in the rest; but this not so often falling under notice, they thought themselves pretty secure. Proceed we therefore to *Mercury's Table*.

TABLE  $\delta$   $\odot$   $\ddagger$  Direct.

§ 28. January.

1670.  $\approx$  15.

XXII. Violent gusts and R. 3 p. N.

XXIII. Frost m. bright wds 9 m. threaten as to a storm of Hail. N.

XXIV.  $\frac{1}{2}$  Fr. H. wind 8 m.  $\odot$  cc. Little storm of hail or Snow  $\odot$  cc. N.XXV.  $\frac{1}{2}$  fr. R. p. m. Tempest of Wind 11 p. and Snow, W after N. N.XXVI. Tempestuous wd *moist*, violent towards M. f. Snow, frosty. E.

XXVII. Frost, snow 9 m. o. &amp; p. m. off and on. N.

71.  $\approx$  25.

III. Frosty, bright m. p. NW.

IV. Close, wet much a merid. ad vesp. SW.

V.  $\frac{1}{2}$  Fr. m. fair. S.

VI. Fr. wet much p. m. NW.

VII. R. ante L. and wd. fair, windy. NW.

77.  $\approx$  7.

XIV. Fog m. misty, open. Aches. W.

XV. R. a. L. Snow vesp. H. wd. Gout and Aches 6 p. SW.

XVI. 8 m. mist, f. fair. N.

XVII. H. fr. foggy m. fog again o. & r. to 9 p. *Indisposition*. N.

XVIII. Cool, rain 1 p. dark 4 p. f. rain 6 m. Aches. S.

February.

1668.  $\approx$  20.

XXVII. Fog, wetting m. fair, warm, wind, Fog vesp. SW.

XXVIII. H. wind, storm, R.  $\delta$  occ. fierce cold wd, drisle. N.XXIX.  $\frac{1}{2}$  Furious wds. wetting a. m. & p. storm of sleet  $\rangle$  occ. Wds audible. S.I. March. Fr. m. wet a. m. and hail 1 p. &  $\odot$  occ. winds and cold.II. Brisk wd & wet a  $\odot$  occ. ad 11 p.  $\odot$  cc. wds layed 5 p. SW.69.  $\approx$  13.

IX. Cldy, windy p. m, open, wdy vesp. SW.

X. Cldy; misty, wdy. SW.

XI. 3. Cloudy, windy m. p. clear, cold, wdy. SW.

XII. Cloudy, wdy d. wet vesp. SW.

XIII. H. wd. f. storms R. H. wind all n. W.

75.  $\approx$  13.

XX. Fr. close l. rain. Aches. E.

XXI. Close mist, snow 9 m. Aches, Hysterical Fits, Head-Aches. E.

XXII. 6 m. Frosty, mist, fair, clouds in Scenes redoubled. E.

XXIII. Fr. overcast p. m. Fog, fair. 9 m. E.

XXIV. Frost, Aches o. f. drops, then wetting p. m. p. &amp; 6 p. Aches 11 p. SE.

76.  $\approx$  21.

II. Close Aches 11 p. close p. m. W.

III. Blustering a. l. some wet 4 m and 9 m. Aches 11 p. E.

IV. 3 Fr. close m. i. Aches. W.

V. R. m. H. wd, open. W.

VI. High wd, R. a. l. cloudy. Aches. SW.

82.  $\approx$  6.XII. 4. Frost, mist, fair  $\odot$  rutilus. E.

XIII. Thick Fog a. m. coldish, red clouds vesp. great Fog at n. W. After. E.

Two Lunatick in the Bill.

XIV. Frost, cold and Fog.  $\odot$  cc. S.

XV. Cold, cldy, foggy d. E.

XVI. Mist m. frost very cold; but vesp. milder.

XVII. Mild, drisle a. m. &amp; p. m. H. winds a. m. &amp; 10 p. S.

March.



## March.

1673. V 17.  
XXV. Hail 11 m. R. 4.2 p. S E.  
XXVI. Wind, shower 3 p.  
XXVII. 11 Close, wet 10 m. & p. m. m. p. S.  
XXVIII. Fair m. floating cl. great drops 1 p. N.  
mist very cold.  
XXIX. Cold, H. wd. R. 1, 2 p. and hail. fo 4 p. N.

74. V 10.  
VIII. Frosty, close, dall, windy; snow a 4 E.  
ad 9 p. N.  
IX. Frosty, misty m. clear o. &c. N.  
X. 7 Close m. offer 4 p. Snow hail 10 occ.  
brisk wind and various N E. but S W. a. m. E.  
XI. Open m. p. freez. Aches. E.  
XII. Frosty, snowing m. p. l. relent; Aches, Histerical fits.

80. V 10.  
XVII. Mist, close, cold wind, 8 m. and 11 m. dash 4 p. R.  
XVIII. Fog, dewing 1 p. warmer than yesterday f. brisk wd.  
XIX. Thick Fog, close, warm, E. o. gent. 5 p. S W.  
XX. 2 m. thick fog below, clear above, fair warm p. m. IV. Meteors ante 9 p. S E. S.  
XXI. Fog, as die preced. 10 rutilus mane, warm p. m. f. wd. W.

81. 23.  
I. Close, cold wind. N E.  
II. Open E. dark, f. rain 3 p. brisk Wind. W.  
III. 5. Very cold wd, R. and Hail 10 m. Hail Cometa iterum Hage conspectus eodem fere loco.  
IV. Snow 1 m. & mane tot. misse 9 m. N.  
V. Cold wind and suow, fo o. Hail 6 or 7 times after h. 1 p. N

## April.

1671. 18.  
XXVII. 10 clouded suddenly, offer m. wdy a. m. fair, rain 7 p. E.  
XXVIII. Cldy. windy S E. shower vesp. S W.  
XXIX. Shower m. wd, heat; shower 4 p. 7 p. S W.  
XXX. Gallant R. m. shower 11 m. H. wd. open 4 p. Light n. 10 p. at Sea going for Diep, fine shower with us 9 p.

72. 2.  
X. Cold m. wetting a. m. & p. m. serious R. at n. N W.  
XI. 12. Close wetting 9 m. & 5 p. W.  
XII. Close, misty.  
XIII. Coldish m. close, misty. N. N E.  
XIV. Close, clearing p. m. Aches. N E.  
78. 11.  
XX. Great R. ante L. wetting 7 m. dash 9 m. misty m. p. W. N E.

XXI. Foggy m. warm, close, much Lowr 2 p. wd varicus, but Nly m. p.

XXII. Pleasant, warm; wind. N W.

XXIII. f. drops 7 m. Troubled air, R. 10 m. cool. N.

79. V 25.  
IV. Fog, cloudy, f. wd, darkish p. m. N W

V. 5 m. shower circ. 5 m.

VI. 5 m. R. much noise, cloudy, cold; At Dover R. m. p. ad 7 p. N.

T M. in Piedmont.—

VII. Fog, fair, W. cold S E. vesp.

## May.

1679. 18.  
XXVIII. Temperate shower, fo 4 p. W.  
XXIX. 8. overc. m. Heat p. m. bright n. E.  
XXX. Close, showering 6 p. Aches. S.  
XXXI. R. m. calm, heat. S.

70. 3.  
XII. Coasting shower 5 m. f. m. 2 p. Hail, R. & Thunder 6 p. W.  
XIII. Open m. threaten; fair a. 10 m. &c.  
XIV. 8 m. close m. offer 3 p. hazy. W.  
XV. Early mist, fair, warm, cool n. W.  
XVI. Hazy, close m. p. warm. N.

76. 12.  
XXI. Cloudy, windy, mist m. offer 11 m. R. 1 p. wetting m. p. shower 6 p. 12 occ.  
XXII. Wetting m. shower 1 p. dashing N W.  
XXIII. 1 m. warm, bright day, bright in the N West.  
XXIV. Warm, bright 11 p. dry, clouds, wds; Meteor 11 p. a Lance B. ad M. Scorpion. Lightning several times. S W.

77. 28.  
VI. Report of Two D's seen 9 p. long Clouds; lowering clouds m. p. Gossamere; Hazy 6 p. Apoplexy 7 m. E.  
VII. 3. misty, pregnant, cl. often; sup. cool wd and various.  
VIII. Early mist, fair, some lowering cl. brisk wd. Hazy prospect. E.  
IX. Warm, lowering, open, windy. E.  
Shower at Hasfield.

## June.

1668. 2.  
XI. Dashing, lightn 11 p. hor. Clds. W.  
XII. Hot ante L. shower m. & a. m. wd. Hor & Fog after the Rain Lightn. 9 p. W.  
XIII. 8 m. wdy. clds fly low, showry m. p. dashing 4 p. drops 10 occ. 3 or. W.  
XIV. Wind, showers. W.  
XV. Showry 10 m. & m. p. cool wd.  
XVI. Dashing and thunder, spoiling hay. W.

74. 12.  
XXII. Bright, hot S W. wd 11 p. very light some in the N. N E. Aches, clouds. Eddy at n.

M m

XX II.

XXIII. Overc. and hopes of R. Lutestrang crack, dark N. but E. *vesp.*

XXIV. 1 m. Lowr 10 m. fusp, 11 p. S W.

XXV. Clofe m. p. misty air, lowring p. m. drop or two. E. N E. NW.

75. II 27.

VII. R. o. &c. wind and clofe *vesp.* Indispositi- on. N. N E.

VIII. 1 p. clofe, open.

IX. Clofe, windy night, drops 5 p. Rain 8 p. N E.

X. Clofe, mist, offer twice p. m. & 8 p. N.

81. § 6.

XV. R. *ante* 7 m. open *vesp.* Nly

XVI. Lowring wd N W. clouds ride from SW 9 p. Dolphins sporting in the mouth of Severn.

XVII. 4 m. lowring somer. open, mist at N W. n. Hail T. M. thunder at Ferrara in Italy.

XVIII. Fr. fair m. p. wd, f. mist; cool n. N E.

XIX. Lightning at n. troubled, clouding a. m. not much moisture, drisle 7 p. and R. 9 p. Meteor.

News of this showre. with thunder within 3 Leagues of Lime, by a Ship put in day 20. Soalso at York.

82. □ 20.

XXXI. May. mist m. H. wd. *ante* L. &c. heat, showr 5. ♂ *occ.* ad 10 p. Thunder *vesp.* E. S E. SW.

I. 4. H. wd. cldy p. m. a drop.

II. R. a 4 m. ad 2 p. Wly. Roan 2d. time fired wth Lightning. At Zurich Lightn. and Thunder.

III. Clouds in Scenes, showr o. 2 p. 4 p. n. Thunder. Hail at Dunwich as big as Pigeons Eggs.

### July.

1672. § 12.

XXIV. Bright, dry m. H. wd. open. S W.

XXV. o. clofe, H. wd, showr o. 1 p. 6 p. Low ebb. S W.

XXVI. Clofe, dash 9 m. with H. wd then, bright p. m. S W.

XXVII. Clofe m. p. S W.

73. § 27.

VIII. Fair, dry, overc. *vesp.* and lowring S W.

IX. 2. Clofe, some misting. S E.

X. Fair, L. showre a. m. & p. m. open. S W.

XI. Wetting 11 m. 2 p. warm m. hot n. S W.

79. § 6.

XVII. R. ☉ w. white cl. in Scenes, R. 2 p. Lightning 9 p. V. Meteors. d. 15. R. Th. 3 m. 7 m.

XVIII. Brisk wds 9 p. few cl. hot, some wet 6 p. W.

XIX. 11 m. w. cloudy, Fog, gentle Rain 2 ad 5 p.

XX. Fair, cooler, few clouds at n. E.

21. § 28.

I. E. Clofe, mist, open dry, much offer.

II. Clofe, brisk wind, showr m. 2 p. offer 3 p. S.

III. R. 6 m. showry a. m. dash 1 p. and thund. stormy and drisly *vesp.* which thunder was prodigious at Hall in Swevia. S.

IV. S W. Brisk wd, clofe m. p. dewing 10 p. R. 11 m. *die sequ.* at Basil, several Houses suffer by Lightning.

### August.

1670. ¶ 14.

XXVI. Hot n. fair, Meteor. N.

XXVII. Fog, frosty p. m. Meteors, Lightning twice from S W. Halo coloured at St Albans. S E.

XXVIII. 7 m. Foggy m. foultry, bright, Meteors. Fax volans 11 p. S W.

XXIX. Cooler dash of R. o. H. wind. W.

XXX. Coldish, windy, open, H. wd, clofe n. W.

71. § 26.

IX. Coasting showrs o. wd, thunder, sh. 3 p. h in Nadir 3 p. & 5 p. sh. 7 p. S W

X. Coasting showr 11 m. 3 p.

XI. 4. overcast 8 m. R. o. 5 p. 7 p. and gusts.

XII. H. wd a. L. and much R. Tempestuous wind circ. Merid. R. 5 p. great R. 9 p.

XIII. Showr 1 p. fair the rest.

XIV. Frost, fair, fog m. H. p. m. Cl. in scenes. W.

76. ¶ 24.

III. Fog thickish, barren cl. warm, Mystical Fits. Meteors III. 9 p. one 11 p. one ♂

V. Fog m. fair, warm, wind, floating Clouds. E. N E.

VI. Fair, misty air, hot p. m. Mer. two 11 p. brisk, overc. 7 p.

VII. warm, clouds p. m. and red *vesp.*

VIII. Warm, H. wd, very bright n. Meteors Wly. E.

IX. Dry, fair, Tide 14 Stairs, Meteors. H. wds, cold n. Two passing bells.

77. ¶ 9.

XIX. Fog m. cloudy m. p. H. wd m. p. drops 10 m. showr 4 p.

XX. 7 m. Fr. m. fair. f. lowring clouds 11 p. W. N W.

XXI. R. 4 m. wind and dropping 8 m. 8 m. R. 5 p. S W.

XXII. R. 11 n. m. p. much a. m. dash 6 p. wet, hail.

78. § 21.

II. Warm, overc. p. m. fleec't clds 7 p. wd various, thunder 8 p. 10 p.

III. Many fleec't clouds 8 m. cloudy in N W. h ♂ m. c. S. S W.

IV. o. Mist, open, warm, clofe n. W.

V. Early mist, but Horiz. clear 7 m.

once

Once overc. p. m. wind pretty brisk; warm p. m. and night Meteors 11 p.  
VI. cldy, brisk wd, R. 7 m. 10 m. hot night, warm day; Meteor circ. 9.

## September.

1669.

= 3.

XIII. Cool, open, great Meteor Eastward 8 p. wd overc. 10 p. E.

XIX. 3 overcast m. bright. E.

XV. Bright and cool.

XVI. Fr. brisk wd. E. S.E.

75. = 12.

XXIII. R. at midn. fair, somet. overc. W. wd, R. at n.

XXIV. R. 4 m. dark 9 m. & o. warm p. m. H. wd 9 p.

XXV. Stormy *not. tot.* Dash 2 m. warm, wet a. l. ad 4 p. S.

XXVI. Fair, windy, showre 2 p. S.W.

XXVII. Fog m. on the Thames, wdy, pangs 7 W.

76. = 24.

IV. Hot m. Aches 8 m. f. wet 5 m. misty. SW and R. o. fine r. p. m. and ☉ occ. Aches 6 p. and R.

V. R. 1 m. apace, clouds in scenes, Aches 5 p. 7 p.

VI. 5 Rainy 7 m. close, misty, wind, troubled air 10 p. Aches N.

VII. Close, very misty, wetting 3 p. &c.

82. = 5.

XV. f. fog, warm, clouds in scenes, and lowring; very warm N. W. N.E.

XVI. Warm n. f. fog, close and warm 8 p. W.

XVII. 7 p. some drops 10 m. 4 p. R. gentle 6 p. &c. fo ante 11 p. Runor of an *Ignis Fatuus*.

XVIII. f. drops a. m. & o. lowring p. m. f. gusts, warm n.

XIX. Cloudy m. warm d. flying clouds, sometime promising. *Ignis Fatui.* W.

XX. Fair, but not over bright; Gusts 3 p. Meteors bright in *Cygn Lyra*, &c. *vesp. ho.* 10 p. S.W.

## October.

1668.

= 19.

XXIX. *Sept.* Great Earthquake at St. *Maloes.*

XXX. *Sept.* Winds, coldish, wetting. R. 10 p. S.

I. Warm beginning, wd R. a. L. 2 p. Lightning from a single Cloud 8 p. S.

II. Mist m. warm gusts p. m. showre o. ☉ ccc. 9 p. S.

III. Fair m. and mist, wetting 1 p. R. 4 p. & p. warm. S.W.

IV. Wind a. l. H. wd o. offer, drizzle 3 p. W.

74. = 1.

XI. Fog, open, barnished cl. *Fila.* S.W.

XII. W. R. ante L. dewing 8 m. warm n. N.W.

XIII. E. mist, wetting a. M. & p. m.

XIV. 1 m. R. 2 m. misty, dark. *Gossamer.*

XV. 1 m. misty, dark, open 10 m. closing, *Gossamer.*

XVI. 1. wd N.W.

Wly *vesp.*

XVII. Close, mist S.W. winds, shows 4 p. warm. Indisposition.

80. = 12.

XXII. R. m. & p. m. m.p. showre 7 p. E.

XXIII. Frost and very cold die *tor.* N.E.

XXIV. Fr. m. misty, cold, overc. 10 m. R. ante 5 ad 8 p. S.

XXV. 10 m. Clouds flying, f. R. 5 p. W.

XXVI. Early fog. R. ante o. ☾ *Nadir*, wind brisk, at *Plymouth* stormy.

XXVII. R. ante 6 m. very dark, showing 8 m. fo ante 1 p. at *que alias* H. wind. N.

XXVIII. Overc. ☉ *ort.* open Wly; f. thi clouds at n. Ely.

81. = 22.

III. Close, showre 4 p. wd audible. W. S.W.

IV. Fr. m. bright ante n. temperate. overc. p. m. *Hurricane, Antioa.* VII Ships destroyed.

Some say *October* a. 'tis all o' cafe.

V. 9. mist m. very suspic o. ☽ D. open and cool p. m. W.

VI. Fog, fr. m. overc. ante 1 p. Meteors 9 p. Red cl. m. S.

VII. Gr. fog, hempen cl. overc. *vesp.* E.

VIII. f. R. 5 m. open, R. circ. 10 p. N.E. at *Falmouth* stormy.

## November.

1672.

= 14.

XXII. Cold, fair, overc; fair and cold *vesp.*

XXIII. R. ante L. close, wdy, warm, drizzle 11 p. W.

XXIV. 2. Close, drizzle o. and 4 p. wdy n. S.W.

XXV. Open, closing S.W. N.W. all n. S.W.

XXVI. Open, wd, somet. overc. S.W.

XXVII. f. R. a. L. close, muddy d. W.

73. = 20.

I. Close, misty, missing o. N.E. close Hysterical Indisp.

II. Misty, cold. N.E.

III. Close m. p. misty. N.E.

IV. Close, mist, Frost. Aches Hysterical Indisp.

V. Close, wetting p. m. Hysterical Indisp.

VI. Close. R. 1 p. Aches 8 p. W. N.W.

79. = 4.

XIV. Gr. fog and frost. f. wd. W.

XV. Extreme Frost, fog, open, wind, foggy o. W.

XVI. 5 m. thick Fog, frosty E. m. Sly. N.

XVII. Thick fog, fr. thicker 9 m. A young Whale within 4 Miles of *Deal*.

XVIII. Thick Fog, fr. thicker 9 m. frosty d. N.

XIX. Extream fog, not see ten yards; fog moves from E.

## Dec.



## December.

1677.  $\nu$  5.  
 XIV. Frosty, close, misty. E.  
 XV. Close, frost, snow, yield 9 m. Ely. E.  
 XVI. 2. f. snow found m. close. E.  
 XVII. Wet found m. close, wetting 9 p. m. NE.  
 XVIII. Close d.  
 77.  $\nu$  16.  
 XXIV. Wet a. L. close, foggy, drizzle a. m. R. p. m. & 10 p. coldish. W. then Nly.  
 XXV. Cloudy, foggy, cool, freez at n. E.  
 XXVI. Fr. 3. m. fog, yield. drizzle at Bromely. E. N E.  
 XVII. 3. Wind and wetting a. m. H. wind vesp. dark, damp walls, tempestuous 11 p. Sly.

- XXVIII. H. wd, R. n. S E. Wly. Nly.  
 XXIX. Fr. fog m. bright above, fog circa Horiz freezing d. i.  
 XXX. Very frosty and foggy, dark o. fog w. p.  $\delta$  circ. Horiz. S. S W.  
 78.  $\gamma$  26.  
 III. Frosty, foggy, cloudy, wd, f. snow. E.  
 A Comet lately appeared swift in Motion.  
 IV. Great R. 2 m. f. fog, cldy, H. wd. R. 12 p. &c. S.  
 V. R. ante 1 m. cldy, brisk wd, warm. S.  
 VI. Great fog  $\odot$  rutilus a. m. fair p. m. W.  
 VII. 5. Cloudy, misty a. m. close p. m. E.  
 VIII. f. fog, cloudy m. H. wd. E.  
 IX. H. frost, cloudy, f. fog very cold wd and clds.  
 X. H. fr. and cldy, f. fog, cold wd. Ely

Table Retrograde.  $\delta \odot \gamma$ 

## January.

1673.  $\nu$  7.  
 XV. Snow, Hail a. m. very dark, yield. E. NE.  
 XVI. o. close m. p. snow 4 p. E.  
 XVII. Close, mist, wetting 5 p. coldish about a. NE.  
 79.  $\nu$  17.  
 XXV. Fr. vehement snow, sharp wd, NE.  
 XXVI. o. Terrible fr. H. wd and cutting by universal complaint, o. a. p. m. NE.  
 XXVII. Brisk and very sharp wd, Thames almost froze. Cold these two days, as hath been known.  
 XXVIII. Fr. vehement, L. Snow ante L. NE.  
 80.  $\nu$  0.  
 IX. Mist, close, f. wd, Meteors 2 Eastward of the Pleiades 7 p. brisk wd. W.  
 X. 9 m. mist, close, gentle wd. S W.  
 XI. Mist, close, open, f. wd. W.

- III. Snow not. tot. & a. m. deep 1 foot, fo vesp. relent. N W.  
 78.  $\times$  4.  
 XI. Mist m. Wly, sometimes days, f. overc. n.  
 XII. 2 m. Fog, clouds NE. Ely a. m. Wly. N W.  $\delta$  occ. *prope in hanc speciem* Meteors 6 p.  $\gamma$  juxta.  $\delta$  9 p. Aches 5 p.  
 XIII. Fog, f. wetting 7 m. close, temperate, Aches 11 p. N.

## March.

## February.

1671.  $\times$  11.  
 XVIII. Close, dewing o. & 10 p. NE.  
 XIX. 8 m. f. wet m. drizzle a. m. coldish. N.  
 XX. Showr o. Hail 3 p. wetting vesp. Sly, but a. m. Nly.  
 72.  $\nu$  24.  
 I. Frosty L. fringe of cl. Westward, relent, fine Halo 11 p. S W. S B,  
 II. 12. misty m. frosty, snow,  $\odot$  occ.  $\delta$  c. with gusts. NE. S E.

1669.  $\nu$  16.  
 XXV. Wind, snow 6 m. with hail 8 m. 9 m. cutting wd. N.  
 XXVI. 6. Freez and wind ante L. snow  $\odot$  w. & offer p. m. fo  $\odot$  occ. N.  
 XXVII. Frost, wind, snow, winter weather, snow 8, 9 p. Wly.  
 70.  $\times$  28.  
 VII. Close m. open, temperate. NE.  
 VIII. 5. Close m. p. offer in prospect p. m. offer. S W.  
 IX. Frost, bright. NE.  
 X. Fr. very cold, close, Lightning reported.  
 76.  $\nu$  8.  
 XVI. Frosty a. m. warm, wind, lowring. E.  
 XVIII. 2. f. R. 5, 6 m. close m. p. dark a p. wetting 10 p. E.  
 XIX. Mist, wetting a. m. per tot. and wind E. S W. o. Aches.  
 77.  $\times$  21.  
 XXXVIII. Feb. Fr. fair, warm p. m. W.  
 I. Mar. Frost, mist, Aches. E.  
 II. Fog and frost m. Cold, brisk wd.

## April.

## April.

1668.

♄ 5.

XIII. Warm, close m. p. wd, thin, overc. n. N.

XIV. s. Close, wdy, mist m, wetting n. N.

XV. Fair m. lowring o. dry. W.

74.

♄ 16.

XXV. H. wd, cool, open. N W.

XXVI. 1 p. H. wd, showing p. m. &amp; 9 p. SW.

L. wd.

XXVII. R. a *Crepusc.* ad 7 m.

75.

♄ 27.

III. Hysterical passion.

IV. *Aches* m. p.

V. R. 5 m. Wetting a. m. cool. E.

VI. 12. Cloudy m. p. cool wd, fine d. *Aches*. E. N.

VII. Fair a. m. close and Hail o. H. cold wd, N E.

*Indisposition.*

## May.

1673.

♄ 5.

XV. Pleasant a. m. showre 3 p. 5 p. N E.

XVI. o. R. 7 m. brisk wd, open p. m. N W.

XVII. Close 6 m. fair, cool, dry; brisk wind. N E.

79.

♄ 17.

XXVII. Gr. Fog, close, R. 7 p. hot *vesp.* Light-

ning 8 p.

XXVIII. Rain o. calm, hot *vesp.* clds, E. wd;

W. ante L.

XXIX. R. store 5 m. 9 m. N E.

80.

♄ 27.

VI. Fog, close, dark p. m. showr and Thunder-

Claps III. 6 p. ♂ occ. dash 10 p. ♀ occ. ♀

♀ in *Nadir*. E.

VII. o. fog, f. wd, drisle m. powring o. dash

6 p. R. ante 11 ad ho. 2 m. N E.

VIII. Rain ante L. wd change S. close 4 p.

bright Horiz. 7 p. clouds in *Scenes*, Misse 3 p. N E.

## June.

1671.

♄ 14.

XXV. Fair, windy, lowr, clear n W. *Vesp.* SW.

XXVI. Fair, wd, overc. 11 p. N E.

XXVII. Close a. m. lowr, windy p. m. open N. N W.

72.

♄ 25.

IV. Hops blasted in the beg. of the Month.

V. Close, f. rain 8 m. S E.

VI. 1 m. showr m. &amp; 1 p. wd. S.

VII. Great lowring L. showre 2 p. hor. S. S E.

VIII. Heat and Thunder.

78.

♄ 6.

XVII. Misty cl. fair, warm. N E.

XVIII. 3. Mist, heat E. f. wd. *Indispos.* Thund.

8. 10 p. N E.

XIX. Thunder, lightning 4 p. 5 p. 6 p. N.

f. rain. Lightning 9 p.

## July.

1670.

♄ 3.

XIV. Often cloudy, puffs of wd. W.

XV. 1 m. Hot, fair, wd H. Wetting, p. m. S W.

showre 8 p. S W.

XVI. Wet and windy ante L. a. m. 3 p. dash ♂

occ. SW.

XVII. Lofly wds, showre 2 p. ♂ or. W.

76.

♄ 13.

XXV. S. misty m. smart showr 1 p. wd S.

Harmful lightning to a ship and men.

XXVI. 11. Showr 6 m. warm, wdy, Me-

teors Five 11 p. Two *juxta Androm.* & ♄

SW.

XXVII. Hottish clds m. p. lightning frequ 10

p. ♀ cum *Pleiad.* *Aches* ♂ or.

XXVIII. Rain and much Thunder.

77.

♄ 25.

VI. Fog m. wd, bright, f. clds, *Indisposition.*

Clouds coming against the wd.

VII. o. fog, fair E. a few clouds ride Nly, while

the wd is Ely. lightn. and chunder in prospect.

VIII. Clouds rise 9 m. H. wd 2 p. troubled

Air, thunder 7 p. offer 8 p.

## August.

1668.

♄ 7.

XIX. Misse m. & 1 p. gentle showr 4 p. *Iris*.XX. 3. f. rain ante L. *Nisi aures fefellerint.* fair, W. N.

dry, f. wd. Wly.

XXI. Mist m. bright; f. mist *vesp.* wd à ♂

occ. W.

69.

♄ 20.

II. Fair, heat. N.

III. 4 m. open, showre p. m. W.

IV. Fair, heat, f. rain reported ante L. W.

74.

♄ 17.

XXIX. *Indisposition* Hysterical.

XXX. Fair, great showre. S W.

XXXI. 12. Rain a 2 ad 5 m. misse a. m. wet-

ting 9 p. red Even. S W.

I. Sept. H. wd *noct.* tot. offer 1 p. rain 3 p. H.wd. *Indispositions.*

75.

♄ 0.

XIII. Clear, wdy, great showre 3 p. & *alias*

boisterous rainy d. S W.

XIV. 2 m. cloudy, great shows o.

XV. Wdy, rainy m. gloomy d. offer.

N n

♄ 1. ♄.

81. <sup>nr 10.</sup>  
 XXIX. Lateſly in Bononia T M. which happened  
 about the 22<sup>d</sup>. or 23<sup>d</sup>.  
 XXII. Fog, cool m. bright, hot, Met. ante 9.  
 XXIII. Soulttry, threatning p. m. lightning  
 very much ante 11 p. L. R. 11 p. W.  
 XXIV. H. wd, pregnant clouds, drop. Me-  
 teors fly apace in N W.

## September.

1672. <sup>nr 23.</sup>  
 V. Cloſe, cool, flying cl. E.  
 VI. Fog, fair, ſometime dulliſh.  
 VII. N W. fog, cloſe.  
 75. <sup>= 3.</sup>  
 XV. Very cold n. Froſt, bright, flying clouds,  
 cloſe n. SW.  
 XVI. 9 R. a. L. & a. m. 4 p. rain hard and wd  
 8 p. SW.  
 XVII. Furlous Tempeſt noſt. tot. H. wd, R.  
 1 p.  
 79. <sup>= 13.</sup>  
 XXV. very H. wd, R. 10 m. damp walls, rain  
 an. 3, much rain and wd noſt. ſequ.  
 XXVI. 11 R. noſt. tot. & ☉ orr. H. wind and  
 warm n. ſcud o. 1 p. 3 p.  
 XXVII. Wd, ſhowr 9 m. 5 p. 6 p. rain hard ☉  
 occ 7 p. & ante 9 p. E.  
 80. <sup>nr 27.</sup>  
 VIII. Great fog, fair, warm p.m. Liſt of cl. in  
 South W. N. E.  
 IX. 8 m. great fog, fair, dry, hot 10 p. E.  
 X. Great fog, ſomewhat warm, Meteors 10 p. E.

## October.

71. <sup>m 6.</sup>  
 XVIII. Froſty and bright. f. fog m. E.  
 XIX. o. Fog m. Fog, cold; fog n. W.  
 XX. Windy and very dark a. m. much rain 5  
 p. & c. SW.  
 72. <sup>= 20.</sup>  
 II. H. wd noſt tot. daſhing m. open p. m. SW.  
 III. 12. Fr. fair m. cldy p. m. ſhowre 5 p.  
 NW.  
 IV. Cool, cloſe m. p. ſhowr 4 p. SW.  
 77. <sup>m 16.</sup>  
 XXVIII. Fog, cold, cloſe, convulſion, child  
 ſickning. NE.  
 XXVIII. 12. Cloſe, briſk wd, Fog R. 2 p. NE.  
 XXIX. f. rain m. & 11 m. ſnow 8 p. fog. N.  
 78. <sup>= 29.</sup>  
 XI. Cloudy, ſuſpic. a. m. open p. m. W  
 XII. 1 m. R. fog, not a. cl. in the ſky. Freez  
 Goſſamere 5 p. f. Met. prope 4 <sup>nr</sup> E.  
 XIII. Gr. fog, Goſſamere, Halo 9 p. clear.

## November.

1669. <sup>2 8.</sup>  
 XIX. Miſt, froſt, yield; cloſe, miſt taken up at n. S.  
 XX. 6 m. Fr. fog, thaw, cloſe wd 7 p. ſmarc  
 but ſhort ſhowr 11 p. S.  
 XXI. Fine R. welcom, warm, miſle, ) M.C. Wly.  
 70. <sup>m 22.</sup>  
 III. f. moiſture m. cool, fair p. m. Fila. N W.  
 IV. Fr. ſnow 8 m. fair, cold ☉ prope caudam <sup>vp</sup>  
 Freez n. W.  
 V. Fr. overc. yeelding; wd p. m. Audible n.  
 f. moiſture Nly m. Wly p. m.  
 75. <sup>2 18.</sup>  
 XXIX. Clear, warm; cloudy veſp. W.  
 XXX. 1 m. Fog, fair, warm. N W.  
 Newburg, Globe of Fire for 3 Hours.  
 I. Decemb. Fog, cloſe m. p. cool. W.  
 82. <sup>2 11.</sup>  
 XXII. Froſty, miſty, overc. o. yield veſp. NW.  
 XXIII. 4 m. Gr. fog, fr. clumſie p. m. fog,  
 freez at n. Aches. E.  
 XXIV. Great fog, cold, cloſe, f. miſle 8 p. Ely.

## December.

1668. <sup>2 24.</sup>  
 IV. L. Froſt m. cold, cloudy, wd, drizle 2 p.  
 10 p. E.  
 V. 10. cold, overc. a ☉ or. open, drop, red in  
 NE, ☉ occ.  
 VI. Cloſe m. p. f. drizle, freez vehement. NW.  
 73. <sup>vp 20.</sup>  
 XXX. Cold, clear 5 m. R. 7 m. 4 p. wdy. SW.  
 XXXI. 2. R. die to harder 2 p. H. wd. S.  
 I. Jan. Windy, open, overc, 1 p. H. wind and R.  
 6 p. SW. NE. veſp.  
 74. <sup>vp 4.</sup>  
 XIV. Cloſe p. m. warm, wd; Aches. W.  
 XV. 11. f. R. m. cloſe, warm. W. S. E.  
 XVI. Cloſe.  
 76. <sup>2 2.</sup>  
 XII. H. fr. clear, Aches. E.  
 XIII. 8 m. dark and wet 8 m. E.  
 XIV. Fog, cloudy, cold n. R. 6 p. E. Nly.  
 80. <sup>vp 14.</sup>  
 XXIII. Rainy and daſh ante 6 m. & 2 p. R.  
 veſp. H. wind at n. S.  
 XXIV. 2. Wind Nly 1 m. great Halo (cujus in-  
 tra ateam 4 ) Tempeſtuous wd, R. to p. S.  
 XXV. Open a. m. H. wd, dark, dewing p. m.  
 Tempeſtuous 8 p. Comet ſeen.  
 81. <sup>2 27.</sup>  
 VII. warm n. yet ſlittle fr. 8 m. wd riſe o. ) or.  
 pleaſant, coldiſh n.  
 VIII. 8. H. Froſt, fog fall ante merid; not ſo cold  
 ☉ occ. S. E.  
 IX. Dark 2 m. miſle 7 m. & a. m. ſweet ſhowr  
 ante 2 p. ☉ M.C. ) occ. very warm wd. W.  
 Die ſequente. Sea by a ſtrong Weſt wd at Hague  
 broke the Banks, and laid 2100 Acres under  
 Water.



§ 29. A Table of the *Mercurio-Solar* Conjunctions; as well of his *direct* Course, first noted by themselves; and then of his *Retrograde*, where the Aspects you see are XLVIII. Days 252. in the former; in the *Later* Aspects XLV, days but 143. Of which *Later* Table we hope it will not be amiss to give you, as hitherto the *Abridgement*; that the Reader may ken the *Nature* of  $\varphi$ : Not in a mist, or thicker Cloud, but in a more expeditious and clear observation. Nor in the mean while can the former be rightly censured superfluous, because the Faith of the one depends on the Truth of the other; seeing the *Later* without the *Former* may be pretended by those who are apt to Cavil, to be a forgery and feigned Evidence.

Thus then lies the *Abridgement*.

Days	252.	143.	Days.	252.	143.
	Dir.	Ret.		Dir.	Ret.
Frosty Days.	18.	10.	South.	20.	15.
Frosty Nights.	30.	13.	N. E.	15.	21.
Gold.	10.	8.	N. W.	13.	9.
Warm.	37.	26.	S. E.	9.	6.
Hot and Soultry.	12.	9.	S. W.	40.	25.
Hot Nights.	7.	2.	Rain.	78.	48.
Trajectories.	13.	5.	Rain Durable.	36.	19.
Lightnings.	8.	6.	Snow.	13.	8.
Thunder.	9.	6.	Hail.	7.	2.
Mist.	39.	17.	Gossamere.	4.	0.
Fog.	55.	20.	Wind Change.	18.	19.
Halo.	1.	0.			
Windy.	68.	36.			
Stormy.	35.	18.			
East.	42.	28.			
West.	46.	27.			
North.	27.	15.			

§ 30. It cannot be said now, but that at first sight 'tis *probable*  $\varphi$  hath an Influence; for here are the same Names and Instances of several States of the Air, which have bin considered in the *Lunar* Tables: Here is *Heat*, *Fog*, *Winds*, *Rain*, &c. as well as there, and in the same convenient proportions, the number of the days concerned in the *Lunar* Tables being about 261. In this present the days concerned, are somewhat short, viz. 252. Now if we begin with *Heat Extream* and Excessive, which we have said is most likely to fall under faithful Observation, the Number here is XII. But XII. But then again there are but XI. noted in the *Pleni-Lunar* Table: The one is confessed to have Influence, why not the other? The next Instance is of *Stormy Winds*, wherein the Observation is less liable to make default; (some it may, according as it may happen, that the less curious Observator's Library may be situate;) of those you see 35. the *New*  $\varphi$  it self being but 37. (To say nothing of a *Sextile* or a *Quartile*,) who encourages  $\varphi$ , and bids him hold his own, he hath passed the Pikes of the two *Scrutinies*, while he stands candidate to be reckoned an Officer in the *Cælestial Militia*. He hath sued for his right to *heat*, and hath it adjudged to him, he hath recovered his right too, as a Friend to *Jolus*, being always owned for a *Windy* Planet, and it appears so.

§ 31. It remains we make enquiry into *Rain*, Their's the Plunge; well ☿ offers for Rain 78. That comes short of the Lunar Aspect, 'tis true, even when the *Disproportion* is considered between the Sum of the days on either Aspect. But, again view the *Excessive*, violent and lasting Showres, and our *Mercurial* Conjunction exceeds the Energy of the Lunar, whose *Dashing* Number is but XXVII. where our stirring ☿ exhibits XXXIII.

§ 32. There rests, according to our constant Method to compare the Planetary Moisture with the *Sum total* of the *Days lifted* under its Aspect. If the *Moiety* be obtained, the Influence is demonstrated. The days of our *Mercurial* Direct Aspect, we have given in 252. the *Moiety* is plain to a Natural Arithmetique, viz. 129. Towards this half Sum ☿ musters up his days of Moisture, of the less rate, 48. of the greater Rate, if you please to inspect the Table 36. *In toto* 114. but 12. short of 126. Here I might cry out a *Mercury*, a *Mercury*, for such a little difference, viz. 11 or 12. breaks no definitions. But then we have 20 days more to add, whereof 13 for Snow, and 7. for Hail; the total now is 134. and the *Moiety* is exceeded as *bravely* as in the New or Full. For the New gathering all her Instances of Moisture, makes 145. for 261. and ☿ makes 234. for 152. days.

§ 33. In good time be it spoken, then *Planets* have *Influence*, and *Astrology* rightly managed is a real noble Philosophy. Not only a ☿ ☉ ☿ is observable for Winds and Rain, (which all *Seamen* know, as well as their *Quadrant* and *Compass*) but a ☿ ☉ ☿ starts the like Effects, which the more *Learned ought* to know and deliver to the *Seaman*: when they have got it once, then *Astrology* will lead the *Van* Triumphant with *Flying Colours*: In the mean time be it writ in Capital Letters upon a Pyramid.

§ 34. Yea, but doth this Method succeed in the *Retrograde* Aspect also? It doth: Sum up the *Quota's* for Rain, Snow, and Hail; and the Total amounts to the *Moiety* of the Days, with *Overplus*: for the Sum being doubled makes 150. and the Total of the *Retrograde* days, is 143.

§ 35. Here may be asked the *Question*, How it com's to pass that the ☿ ☉ ☿ brings more Instances of *Winds* and *Rain*, then ☿ ☉ ☿ especially, when it may be perceived that I drive at the exalting of ☿ above ☉. I answer, it strikes not at ☿'s eminence; for 'tis a ruled case, I hope, that Three are more Potent than Two. ☿ then is safe, notwithstanding the Objection: For in a ☿ ☉ ☿ our ☿ is never far off, not a Signs distance, if we stretch him on Tenterhooks; so ☿ is at hand to help on the Lunar Effect. But at the *Mercurial* ☿ with the ☉, the ☿ may be two, three, four Signs distant.

§ 36. It may be observed again that the Antients make ☿ more a *Windy* than a *Rainy* Planet, whereas we seem to make him for Rain, more then Winds contrary to the mind of the Antients. I answer, I have not travelled the world over neither with *Columbus*, or *Linschoten*, our *Drake*, or *Carvendish*, and so cannot make an universal Observation; It cannot be expected otherwise that, I speak for our Climate only, being apt to believe that the Antients spoke nothing but Truth, relating also to their Climate. Mercury in the more Southern dryer parts, may be more windy, and less for Moisture; but where moisture more abounds, the contrary may obtain in our Septentrional Countries; yet what if I should grant the Antients their Plea, that He is moist with a touch of dryth. I am concerned chiefly for his Influence in general.

§ 37. I have not travelled, I say, but I have not so few Friends, but that I can present them with some gleanings of Nautical Observation, which on the Seas part will justify our Planets Character for Wind, and let it be a necity to enquire to which of these our Planet chiefly inclines, and so that Scruple may be baffled.

§ 38. As

§ 38. As I said, these are our Nautical Observations :—First in a Voyage to the *East Indies*.

April, Anno 1662. R. ♀ 24.

- |    |            |        |                                  |
|----|------------|--------|----------------------------------|
| 3. | North,     | 2.     | Fresh gale S E.                  |
| 4. | Lat.       | 1.     | Fresh gale S E.                  |
| 5. |            | 0.     | Fresh gale, good }               |
| 6. | South Lat. | 1.     | Weather.                         |
| 7. |            | 1. 30. | Fresh gale, good Weather S E. E. |

Anno 1668. ♂ ☉ ♀ R. ♂. 5.

- |     |          |     |                                     |
|-----|----------|-----|-------------------------------------|
| 13. | North    | 13. | Hard gales of Wind N E. ☉ in Zenith |
| 14. | Latitude | 12. | Cloudy, hard gales N E.             |
| 15. |          | 11. | Fair, Hazy, fresh gales N E.        |
| 16. |          | 9.  | Fair, Fresh, gales Nly.             |

August, ♂ ☉ ♀. R. m 7.

- |     |           |    |  |
|-----|-----------|----|--|
| 19. | South     | 9. | Fair, Fresh gales, then moderate, S S E. |
| 20. | Latitude. | 8. | Fine and moderate Gales. S S E.          |
| 21. |           | 7. | Fair, moderate, pretty fresh P. M. S E.  |

December, ♂ ☉ ♀. ✕ 24 R.

- |    |          |     |   |
|----|----------|-----|---|
| 4. | South    | 34. | Fair, small gales, variable. SW. S.       |
| 5. | Latitude | 24. | Small gales, Fair, then fresh gales. N E. |
| 6. |          | 34. | Morn : Excessive hard gales. N. N E.      |

February.

Anno 1669. ♂ ☉ ♀. ✕ 3. direct.

- |     |           |    |  |
|-----|-----------|----|--|
| 8.  |           | 2. | Rain, N. moderate gales. N E.                                  |
| 9.  | North     | 4. | Cloudy, pretty fresh gales. N E.                               |
| 10. | Latitude. | 4. | Cloudy, fresh gales. N E.                                      |
| 11. |           | 5. | Thick weather, some rain, fresh gales. N. N E.                 |
| 12. |           | 6. | Thick, some Rain, and calm, pretty fresh gales morn<br>p. N E. |
| 13. |           | 7. | Thick, small showers, pretty fresh gales. N E.                 |

March, ♂ ☉ ♀.

- |     |          |     |                                 |
|-----|----------|-----|---------------------------------|
| 25. | North    | 45. | Cloudy, moderate gales. E. N.   |
| 26. | Latitude | 45. | Variable, sometime fresh gales. |
| 27. |          | 46. | Cloudy and moderate gales. N E. |
| 28. |          | 46. | Fair, moderate gales. N E.      |

October.

Anno 1671. ♂ ☉ ♀. m 7. R.

- |     |       |     |   |
|-----|-------|-----|---|
| 18. | North | 41. | Very hard gales of wind, close N E. with a great Sea. |
| 19. | Lat.  | 39. | Cloudy, pretty fresh gales. N. N W.                   |
| 20. |       | 37. | Fair, moderate gales. Nly.                            |

O o

Dec.



December, 8 0 7. 174. Dir.

- |     |           |    |                                     |
|-----|-----------|----|-------------------------------------|
| 12. | North     | 3. | Moderate S E.                       |
| 13. | Latitude. | 2. | Cloudy, and moderate gales. S. S E. |
| 14. |           | 1. | Some Rain, fresh gales. S. S E.     |
| 15. |           |    | Cloudy, fresh gales.                |
| 16. | South.    | 0. | Cloudy, fresh gales. S E.           |
| 17. | Lat.      | 1. | Cloudy and fresh gales. S E.        |
| 18. |           | 2. | Cloudy and fresh gales. S E.        |
| 19. |           | 3. | Fair and fresh gales.               |

On the 16th day were seen many Fowls sitting on the water.

February.

Anno 1672. 8 0 7. 24 R.

- |    |       |     |  |
|----|-------|-----|--|
| 1. | South | 35. | Drift, hard gales. NE. NW.                               |
| 2. | Lat.  | 36. | Drift, fresh gales. SW. NW.                              |
| 3. |       | 36. | S. Rain, calmer and small gales P. M. variable W. N. SW. |
| 4. |       | 35. | Fair, pretty fresh gales.                                |

April, 8 0 7. 2. Dir.

- |     |       |     |  |
|-----|-------|-----|--|
| 10. | South | 15. | Cloudy, but fine fresh gales. E. S E.  |
| 11. | Lat.  | 13. | Fair M. P. f. Rain, very fresh gales. S E.   |
| 12. |       | 12. | A little gusty and small Rain. N. NE.  |
| 13. |       | 11. | Dark, abundance of Rain. E. much Lightning at night, and moderate gales. NE. S E.                          |
| 14. |       | 10. | Abundance of Rain ante Luc. Wind variable, but moderate gales, but at 6 m. to 10 m. very fresh gales. S E. |

Day 11. A strange Fish about 7 Foot long, with a long Snout like a Garfish, and sharp Forehead, Scales.

Day 13. Saw many Tropick Birds.

July. 8 0 7. 12. Dir.

- |     |                                       |  |   |
|-----|---------------------------------------|--|---|
| 23. | In the S. read of T. man. N. Lat. 22. |  | Fair NE. vesp. Sly a small gale.  |
| 24. |                                       |  | Cloudy, small rain, moderate gales.   |
| 25. |                                       |  | Much rain, and very unsettled weather, the wind variable, N. N E. S E. moderate gales most part, very much rain at Midnight.                |
| 26. |                                       |  | Dark, much Rain, and moderate gales S E. One sudden Gust Nly, in the nature of a Whirlwind. Thunder Night, and Rain extraordinary. E. S. W. |
| 27. |                                       |  | Very miserable sad Weather, Thunder, Lightning, and Rains excessive, f. fresh gales, and sometimes Gusts.                                   |

November. 8 0 7. 13. Dir.

- |     |                 |     |  |
|-----|-----------------|-----|--|
| 21. | North Latitude. | 19. | Thick, Hazy, Tempestuous, f. Rain M.—E. NE.                      |
| 22. |                 | 18. | Cloudy, fresh gusts, showers, then fair, and fresh gales. E. NE. |
| 23. |                 | 17. | Fair, Hazy, some drops, pretty fresh gales. E. NE.               |
| 24. |                 | 16. | Fair, fresh gales.   |
| 25. |                 | 13. | Thick Hazy Weather, gusts A. M. fresh gales. E. NE.              |
| 26. |                 | 10. | Cloudy, thick, rainy, very fresh gales. N. NE.                   |
| 27. |                 | 9.  | Much rain, some gusts, and hard gales. NE.                       |

§ 39. Thus

§ 39. Thus far for the *East Indies* in the good ships called the *London*, the *Experiment*, Whose worthy Commander was my justly Dear Friend. I could add the like for the *West Indies* Voyages; but these may suffice, the Observations lye indeed with some interruption, some Conjunctions being not noted; but none on our part having given a faithful *Account* wherever the journal related his Story.

§ 40. Here I object to my self, that all this ramaging of *Sea* Instances doth not prove that our Dear ☿ is yet a *Windy* Planet, by the gales of Wind ascribed to him; because these Gales, we know, last the Mariner from the Time he hath first set sail, to his very Port; but the ☿ ☉ ☿ doth not last all that while, not for so many Months as the *East India* Voyage requires.

§ 41. Therefore I answer, the Objection seems reasonable, but it only seems so for want of Experience, or the Knowledge of the true State of the Question. For the Question is, not whether the ☿ ☉ ☿ is the *only* Aspect which raises Wind? But whether ☿ be not rightly Character'd by the Antient Astrologers for such a Faculty? If so, then wherever he is configurate with ☿ or ♃, or ♀, he may do the like: He may, yea, and he doth, as will be seen in its Place. Nor do we assert ☿ the only Planer who is so qualified, the Aspects of the ☿ we have seen, have their Winds along with them: So what with *One Aspect*, what with *Others*, as at a Game at Foot-ball, the Ball comes to the Goal. Sometimes indeed there is a calm at Sea, the Foot-ball lies still, but it is not long e're some Aspect or other meets it, and accordingly as the Aspect is, the Gale is small and *faint*, or *fresh* and brisk, or hard or *extream*. The Mariner comes not to his Port by *One Aspect*, but by *All*. Neither do the Natives use one Method, in the the River *Nile* (suppose) the Boat sometimes sails, sometimes Rows, sometimes drives with Stream, sometimes shoots the Cataract; shooting the Cataract speeds one on the way, but it reaches not to the Port, the Sail, the Rope, the Pole at due times must help to the Arrival.

§ 42. *Mercury* then may enjoy his Character, and no man scruple it; for what should hinder? Is all the *Chaldee* Philosophy *Superstition*? Even as much as all *Heathen* Learning is abominable. We shall make some work if we throw away *Euclid* and *Archimedes*, because *Heathens*, and *Dioscorides*, because an *Egyptian*; we have observed before, that *Moses* himself threw not away all the *Egyptian Terms*; and Nature it self may have in *Chaldee* Paraphrase.

§ 43. Here, according to former precedent, we should range a Table for Prognostick of the Rain according to the *Signs*: but here that Method takes not place, because of the variety of the Days concerned, which in the Direct ☿ are *more* or *less*, as the Motion of ☿ happens to be *swifter* or *slower*. In *Aquary* you see the ☿ brings Rain, or Snow, or Wind, 5 days in 6. *An.* 1670. In ✕ *An.* 1668 it brings Rain and Wind all its 5 days. In *March* 1673. the like. In *March* 1674 Snow thrice in 5 days, &c. But it haps not accordingly in the other years under the same Signs; so that we cannot as yet pretend to any thing like Infallible, implying in the mean while, what the Planet comes *short* at One time, it makes amends at another: ☿ *communibus Annis*, in the Direct, it brings 11. of 16. in a certain Sign called *Aquary*; and 12. of 19. in ✕. 14. of 21. in ♄. 15. of 24. in ♃, after this Proportion.

$\left. \begin{array}{c} \text{♄} \\ \text{♅} \\ \text{♆} \\ \text{♇} \\ \text{♈} \\ \text{♉} \end{array} \right\} \text{ of } \text{♊}$	XVI. Days, whereof wet. 11.
	XIX. _____ 12.
	XXI. _____ 14.
	XXIV. _____ 15.
	XX. _____ 11.
	XVII. _____ 10.

About 7. or 8. lies the difference.

§ 43. Thus the *Direct*, the *Retrocedent* Aspect is *brisker* according to his more fixed Stint of fewer (*i. e.* but Three Days) for the most part. For I promise you here *Communibus Annis*, the Aspect brings *Rain* (and what *more*) I may say every day; in 9 or 10 days I find but two excepted that are not Rainy; Once, indeed, I meet with Three.

§ 44. Here's Influence then, and something approaching *Infallibility*; if we were as near the *Lapis Philosophorum*: as we are to some *Infallibility*, we should be Rich.

§ 45. The reason is given, because ♀ is found to be nearer the Earth on this side the ☉ in his *Retrocession*; when direct he incedes above it. So the *Inferiour* Planets, what they loose in their Bulk, Nature makes up in their *Vicinity* to the Earth.

§ 46. Now, that ♀ makes a *greater* impresson upon us than the ♂, may by the Attentive be observed, even from the Hail or Snow (as well as smart Rain) which appears, though at most but seldom, yet more equally (when it appears) *under* our Planet. For if I mistake not, the *Snows* under ♀'s ♂ with ☉ are commonly more hard and whistling, then at the New or Full, except upon a common Engagement with some other Aspect, the more proper Origine of that Constitution. I reckon in like manner, that the ♂ is not of her own Nature *inclined* at all to produce *Hail*, I mean not a great drop, as Hail commonly is congealed in the Descent. The ♂ is of a *softer* Light, apt to produce *Dews* and *Mists*, and the more favourable Moisture. There is some *Anger* in Hail, and more Violence in the Heat which fathers the Drop destin'd for it. And the same account for Hail compared with the Lunar evinceth; for the New ♂ brings but 3 Instances, the ♂ ☉ ♀ brings 7. and the ♀ ☉ and ♂ brings no more, which yet in days exceeds our Mercurial Conjunction.

§ 47. Nevertheless, if that will not do, we may be pleased to compare the Loud Evidence of *Thunder* on either side our ♂ shews IX. Thunders with VII. Lightnings direct; *Reflex* it brings 17. for each. What Thunder doth ♂ ☉ bring? *Two*. The Full, *Four*. The Squares, *Four*. The Trines and Sextiles Lunar are Highest: The one of the ♄s bringing *Seven*; and a Sextile Six; but we then add the Account of *Lightnings* and Thunder together, and our ♂ ☉ ♀ exceeds all.

§ 48. But it may be I need not Labour to prove ♀ to be a more Potent Planet, because, as I imagine, even the Adversary upon any Influence solidly proved on our Planets part, not unwillingly allow the Preeminence to it, compared with the ♂. We remember here that *Ptolemy* told us of his *Georgiαι* & *Φλογμοι*, Thunder and Lightning, and Fiery Meteors; we have met with a few of these later also, which may be worth the mention. But what might *Ptolemy* first mean by his *Georgiαι*? Do we think that he meant that our Planet in Dominion was *All* Wildfire, and do nothing else but *Rumble* in the Air in Summer time? By no means. He intended not that it Thundred infallibly, *Toties*, *Quoties*; He knew it might and ought to frustrate a *Puifay*'s Observation of the Heavens, who hath observed a *Summer* or *Two*, and



and finding *no such Meteor*, hath *condemned Cælestial Philosophy*, and *De-thron'd it*. But he speaking from long *Observation of Himself*, and the Reports of his *Speculative Ancestors*, gives us to understand, that oft-times, not in every Month, not in every year, perhaps not in every place, but only with them in their *Countrys*, in every, or at least most years this ♄ gave Fire. And so was an Instrument of some *Divine Power*, whom all Nations believe creates *that Meteor*, the Thunder. Well, you see this proved at large from *Germany*: Or, will you please to accept an account from our own Land? I have by Gods Goodness lived to make the *Observation*, and 'tis *pity*, it may be, it should perith, because the *Fate of a Liberal Science* lies upon it. Then Lo! here it followeth, even from the beginning of my *Observation*; there is scarce a year missing, no, not with us here in *England*, who yet are much cooler, I hope, than *Egypt or Arabia*.

§ 49. A Table of such *Conjunctions* of the ☉ and ♀, which have produced Thunder from Anno 1652. to Anno 1683.

An. 1652. June 9, 10. ♀ Dir.	An. 1670. May 12. Dir.
54. Jun. 28. Dir.	Aug. 27. Retr.
54. Sept. 5. Retr.	71. April, 30. Dir.
55. Jun. 12. Dir.	Aug. 9. Dir.
56. Sept. 9. Dir.	72. July, 7. Retr.
58. Jun. 26. Retr.	76. May, 24. Dir.
58. Aug. 5. Dir.	July, 25. Retr.
60. July 12. Dir.	27. Dir.
61. Mar. 11. Dir.	Sept. 6. Retr.
61. Apr. 20, 23. Retr.	77. July 7. 8.
62. Febr. 18. Dir.	78. May, 21. Retr.
62. April 5. Retr.	July 18. Retr.
62. Aug. 8. Retr.	Aug. 3. Dir.
63. Mar. 15. Retr.	79. July, 17. Retr.
64. July, 3. Retr.	80. May, 6. Retr.
65. April, 21. Dir.	July, 3. Dir.
65. May, 15. Retr.	81. Aug. 13. Retr.
66. July, 14, 15, 17. Dir.	82. Aug 6. Retr.
68. June, 11. Dir.	
16. Retr.	
Octob. 1. Retr.	

The *Norimberg Diary* makes braver sport, but we need it not.

§ 50. Even *Keplers Ephemerides* brings us, An. 1622. April XXV. *ventus, pluit, Fulgura*. An. 1623. Jan. V. *Æstus, tonuit*. VII. *Calor, Fulgura, venti*. Aug X. *Tonitrua, ventus magn. Pluv.* XI. *Tonitru, Grando multa*. XII. *Tonitrua continua*. An. 1625. *Fulgura Matutina: Detonuit cum Imbre*. July V. *Nebula, Pluit, Fulgura*. Aug. XXI. *Æstus tempestas*. XXII. *Tonuit Pluit*. An. 1626. Jun. XV. *Imber, Tonuit, Pluit*. XVI. *Æstus procella, Pluvia Larg.* XVII. *Nebula, Tonitrua, Pluvia*. Aug. 11. *Æstus, Procella, Tonitrua*. An. 1627. Aug. XVIII. XIX. XX. *Imbres, Tonitrua. Æstus rapidus. Noctu Tonitrua*. An. 1628. May, I. III. IV. *Æstuosum tonitrua*. XXV. *Iris*. July IV. *Nebula, Æstus, tonuit, pluvia continua*. An. 1629. Jun. XV. *Grando Tonitrua*.

§ 51. This may serve for a Taft, and when I was so far entered I remembered withal the *Limits* of his distance from the Sun, and this use I made of it, that whatsoever Effect the Sun is guilty of, our Planet must have a special hand in it, for he is always found in the Sun's *Company*, and therefore must be suspected, when any mischief is done, The Instrument that we most frequently

quently use is most Ministerial. Verily in 5. or 6 years Scrutiny I saw that of all the 28 gr. which meet out the distance of  $\varphi$  from  $\odot$ , there is *not* one of them but is found to raise this Tumult, though with some difference; and if there should be any Secret in that, in time, I hope it will be made out. The difference then is thus; After the exact Conjunction, the distance of gr. 2, 6, 8, 12, 14, 15, 17, 18, 20, 21, 23, 25, 26. And this whether  $\varphi$  be before or behind the Sun: of the two, the rather before it.

§ 52. The next Instance must be Earthquakes; for I shall never forget *Ptolemy*,  $\kappa\sigma\epsilon\upsilon\pi\epsilon\iota\varsigma$ , saith he; some instances we have met with, too many to be baffled in perusal of Weekly Papers from the Empire, beside what in the late turbulent Hurrys flew up and down our *Metropolis*. And we are in a fair way, having laid this for a certain Rule, That whatever causes the Thunder, yea, or Storms, is apt to cause an Earthquake, more or less; Not for that the noise of the Thunder shaketh the Earth, and maketh the House to Tremble, as what every hurrying Coach can do; but because the *Subterranean Vulcans* are imitated in their supposed Shops, at the same time as the very *Cyclops* are, that while, in haste of their Work. Hence *Kepler* fancied the Earth to be an Animal, sometimes sweating, sometimes shaking, by the Impressions and Commotions of the Ambient *Aether*, as may be seen in his accounts of *May* and *August*, 1621. and 1629.

§ 53. But is it likely, any whit probable, such a squirting Planet as  $\varphi$ , a Lacquey of the Sun; who seldom shews his Head in these parts, as if he was in Debt, not responsible for any such great Production! We may cease to wonder, being to be ordered by our Sense and Reason, rather than by our Conjectural Presumption. Besides, let  $\varphi$  be a small Lucid Globe, his Conjunction with the Sun, I hope, is not of small Consideration: Make up the defect of the one by the sufficiency of the other.

§ 54. Is it certain then that our Aspect is able to raise a storm, or Peal us with a Shower? Then 'tis certain that he can blow up the *Subterranean Fires*: An *Aetna*, *Vesuvius*, *Hecla*; in *Sicily*, *Italy*, *Friezeland*. 'Tis now above an 100 years that our Mariners had experience of this Truth, *Hecla* flaming was always a Sign of foul Weather. *Purch.* p. 817. *ad Annum* 1610. Well then for Earthquakes, do we not always, or for most part, find Foul Weather, Storms, Lightning, either upon the Spot, the place which Heaves and Trembles, or in remoter parts, we shall shew some Instances; from whence we learn the Great Power of the Heavens over the Earth confessed by the *Sobereft* men, who do not despise these Instances. Let what *Thuanus* hath left upon record, be read in Court, *ad Annum*, 1557, where after the mention of *Tyber's* prodigious inundation *Sept.* 14. another at *Florence*, another in *France*, he adds these Words.

*Eadem rerum facies plerisque Nos per Europam eodem anno, & quasi occulta quadam Galestis ordinis confessione (lege consensione) etiam in remotissimis. Orientis partibus fuit, nam apud Sinas in Samuaria regione tanta diluvies ex proximis montibus defluxat, ut Lacum ingentem effecere quo VII. Urbes absorptae sunt. Pecudum & Mortalium ingens numerus periit, puero unico tantum in trunco arboris raro fortunae beneficio servato.* *Thuan.* p. 278. 379.

§ 55. Now, the most indubitable Original Fund, and cause of Earthquakes are those vast *Fires* Subterranean, which work and wamble in the Bowels of the Earth, and break out many times where there is no vent, always without fail, where there is, or near the time of the Earth's Tremor. The want of this consideration made the Worthy *Kepler*, and those which follow him, to run to an *Occult* Cause Subterranean for his Meteors, when he was at a loss for his *Caelestial* Causes, when as nothing is more plain, and less liable to exception, then that the *Subterranean* causes, *Fires*, or other *Evaporations* are subject to, and naturally do observe, and obey the *Caelestial*.

§ 56. How-

§ 56. Howbeit, let the Reader expect with all his prejudices, so he will be pleased to examine what comes now to be propos'd in that business of this Mercurio-Solar Meeting. I don't know, but I find such an Accident as an Earthquake in *Basil*, December Anno 1533. three times it was shook in that Month. Once, if I may guess (and the reason of my guessing I will shortly tell you) must be December 11. when there was a  $\delta$  of  $\odot$  and  $\varphi$ , and what if  $\delta$  oppoted, we are not about the Denyal of our Kindred. Other Aspects must be taken in too, but that  $\delta \odot \varphi$  is one. Again, Anno 1538. Jan. 20. the same Swiss-Town shook with an Earthquake  $\delta \odot \varphi$ . —  $\varphi$  being (if I mistake not) scarce 9 degrees distant. In September again, *Anni ejusdem*, a Famous *Terræ-motus* mentioned by *Fromondus*, die 27, 28, 29. the distance of our Planet is 7 degrees. Yea, since Italy shook, as *Fallopini* notes, for 15 days together, a  $\delta \odot \varphi$  must happen amongst 4 or 5 of those days. Come we to England in the year 1551. we find our Neighbours of *Croyden*, *Rygate*, &c. so troubled May 25. *Stow's Annals*, 605. in the very day on which the  $\delta \odot \varphi$  is noted. Another famous one in September An. 1563. which shook *Northampton* and *Lincoln*, noted by *Thuanus* also, who describes it in its frightful Circumstances. There is a  $\delta \odot \varphi$  in *Stadius's Ephemerides*, noted at the end of the Month So are we in England concerned in the pretence.

Anno ejusd. Nov. 29. great *Terræmotus* in *Island*, at what time Mount *Hecla* Flamed. *Purchas. tom. 3. 648.* *Stadius* gives a  $\delta \odot \varphi$  the day before. An. 1601. Sept. VIII. an Earthquake enters with the Century, and shook almost all Europe, though *Calvisius* names only Switzerland, and the adjacent parts. 'Tis too much for  $\varphi$  only to do so. But was not he one of them? Yes, he is one which can do what *Archimedes* brag'd of, Move the Earth: For if it be Old Stile, 'tis ours; if not, we have others will own it; and in the mean time in the following Earthquake which was at London in Dec. of the same year; and in Christmas (*Stow, p. 797.*)  $\delta \odot \varphi$  falls in the very Holydays.

In the year 1617. *Kepler* assists us with the Fame of an Earthquake, on Jan. 26. or Febr. 7. St. Nov. he acknowledges Thunder, and Lightning, and Meteors, but alii (saith he) *Terræmotus*: which Fame was very probable, you see by the Circumstances; and who was in the wind but a  $\delta \odot \varphi$ .

An. 1618. Aug. XV. a sad Earthquake in the Evening among the *Grisons* in Germany, where a vast Mountain buried its Neighbour Inhabitants, *dicto citius*, 1500 buried in a trice, saith *Calvis.*  $\delta \odot \varphi$  makes one here also.

An. 1624. May VIII. at *Ratisbon*, where they were in some apprehensions of Dooms-day, saith the same *Calvisius*, our  $\varphi$  is 6 degr. distant. Again July IX. or XIX.  $\varphi$  is 9 degr. distant from the Sun. But before both these. March XXI. *Terræmotus ingens* in *Argenta*, a Town in Italy 12 Miles from *Ferraria*, and the Alps. *Calvis.*  $\odot \varphi$  are 12 degr. distant.

An. 1625. Pestilential years (as 1625. was with us) are accompanied, abroad at least, with Earthquakes, where at *Norimberg* the Diary observes One. Dec. XVIII. when it Thunder'd the day before; the  $\delta \odot \varphi$  well answers both. There is one noted before at the beginning of the year, Febr. XII. at *Bamberg*. There is a  $\triangle h \delta$ , and  $\varphi$  is 10 degr. distant.

An. 1626. Febr. 6. A Rock hanging over a certain Lake in Germany cleft in two by an Earthquake, saith *Kepler*,  $\varphi$  being then 10 gr. distance.

An. 1627. July XXX. St. N. Poor *Apulia* felt a most horrible Earthquake which makes every Man that hath Humanity tremble by consent, several Towns being utterly destroyed, and a Bill of 17000. Persons that were lost. It seems to be a Sin, to offer any thing like a natural Cause: But what is the Stone? Let us look at the Hand which threw it. God is not to be excluded



cluded from his own work. *Enter, praesenter, Deus est & ubique potenter*, is a good School-verse: I have warrant beside Reason, to look on the Creation with some Fear, even the *Caelestials*. And I cannot but observe that our *Caestial* ☿. though 12. degr. distant, is nearest of all to the Sun, whether one way or the other. Nor can I but observe that it *Thundred* in *Germany* (I know not what it did in *Italy*) three continued days before, when ☿ was within 8 degrees. This may lead one to suspect that the Vicinity of ☿ is the cause of both. Some may put in for the Eclipse Lunar just before to be a *Concause*, which (if a free Astrology may be allowed) formally considered, cannot stand; for how shall a Light obstructed, or intercepted be advanced in Influence? Whether it be a *Sign* or no, we have elsewhere considered for the Affirmative; for God did not *time* that Eclipse in vain.

An. 1629. Another dire *Terramotus* in the *Alps* mentioned by *Kepler*, and the *Norimberg* Diary, when it thundred for a week together in most places in *Germany*, as we see by the consent of the Diary the Day is neer upon Aug. 6. or 16. where there are other Aspects ('tis true) and ☿ is 11. gr. from the Sun. But before this we meet another, Jan. XXV. with Storms and thunder, while ☿ Retrograde was conjoyned with ☉ the 19. day.

An. 1632. *Vesuvius* breaks out with Earthquakes at *Naples*, on the day of the ☿ ☉ ☿.

An. 1636. Sept. 16. *Terramotus*, with Thunder, and a *Meridian Iris* at *Norimberg*; an exact ☿ ☉ ☿, and ☿ within 9 degr. of both ☉ and ☿.

An. 1638. July 3. Betwixt *Tercera* Islands, Lat. N. E. came Fire out of the sea, and an Earthquake before it 8 Days, *Sandersons Hist. James I.* ☿ was 2 degr. distant, and in two days after followed the exact ☿. Again, *Anno eodem*, Decemb. XIX. at *Norimberg*, *Terramotus*, when lo! there is a ☿ ☉ ☿ the day before, with shaking Fit, if it holds 3 or 4 days more, it may, for all that while ☿ is within 4 or 5 degrees.

An. 1640. Jan. 25. the *German* Diary informs us of another accompanied with terrible Stormy winds, and much Rain; in other places Thunder, and he fixes it right on ☿ ☉ ☿ among other configurations, the ☿ is noted Day 19. —Again, March 21. and 24. by the *Rhine Terramotus* neer *Munster*. ☿ ☉ ☿ is apparent die 20. *Idem*.

The next year An. 1641. Octob. 16. at *Lintz*, a great City near the *Danow*, an Earthquake with Stormy Winds. ☿ ☉ ☿ within a day of it, to whose Influence, with a ☐ of ♃. the Diary imputes it.

An. 1646. In *Apulia*, May 29. a great concussion, an *Iris*, Rain, and at *Prague*, Thunder, ☿ ☉ ☿ within a day or two at most.

An. 1649. *Vesuvius* is very hot in the Mouth, and afflicts *Naples*; an Earthquake swallows up Ships at *Messina*. *Calvis. Append.* This I have reason to believe was on Febr. 10. because of some reports of *Prodigies* happening at *Bristol*, hereafter to be mentioned on that day.

An. 1657. July 8. *Terramotus* at *Bickley* in *Cheshire*, a ☿ ☉ ☿ 8 degr. distant.

An. 1668. Sept. 29. A great Earthquake at *Poitiers* in *France*, *Lond. Gazet.* N. 302. ☿ ☉ ☿ within 2 degrees.

An. 1669. The vast Eruptions of the Flaming Mountain *Aetna*, are scarce forgotten. A vast Effect, but as great is the Cause, the Conspiracies of the vast *Caestial* Bodies. The Second Eruption was on March XXII. where ☿ was not above 10 degr. distant. The remainder is already presented in a Table.

○ 57. And what can be said more? Who can bring stronger Testimony then *Aetna* or *Vesuvius*? Now I did reckon once to look back no further on this account, than the year 1617. because the Calculations before *Kepler* from

from the Alphonsine or Prutenick Tables are liable to Exception; *Stoffler*, *Stadius*, *Mazinus*, *Leoviti*, &c. so that the Reader cannot see what he buys; but we find not that either of these Computations are so wide, but that they will come under the Latitude of 10. or 12. degrees, which is sufficient for our Expectation. Now if such an Interval be too large an Argument for the name of a  $\delta$ . I take notice that both Modern and Antient Observers, though they abett most justly the Partil  $\delta$ , yet they could not tie themselves to it; being for the most part (except about the *Equinox*) for all as I see, ignorant of it. So the Platique  $\delta$  bore away the credit of the Partile in former Days.

But 2ly. We have said that there must be verily an Enlargement of two Planets or more, to such a distance and Station, as is Mechanically requisite to perform according to expectation: And no other do they mean, if I understand them, by the Orb, but an Out-Let, wherein the Planet being found, acts more vigorously than if he were corporally conjoynd with his Neighbour.

§ 58. But this will not convince some Men. For *how many  $\delta$ s of  $\odot$  &  $\ominus$  which bring no Earthquakes? If this  $\&$  were of any relation to Earthquakes we should hear of them often, every two Months, &c.* This objection we meet on every turn; 'tis a Catholique Engine of Battery against Astrology, and its pretences, even about the State of the Air, and so hath bin answered already: Yet because it will recur even in this very Chapter, about the Generation of Comets, we will speak to it here also. We have said, we make no one Aspect an adequate cause of the Effect; only Eminent and Considerable; which must be assisted with its Neighbours: We have other Aspects which put in for their Share in the business; we shall see them in the following Chapters, and surfeit on them. There is scarce a  $\delta$  or  $\ominus$ , yea, sometimes  $\Delta$  or  $\square$ , but steps in to help at a dead lift.

§ 59. We do acknowledge that sometimes an Earthquake seizes both the Earth and us without an Aspects Commission: But not One in Ten. As in Storms and Tempests, so here.

§ 60. But  $\&$  being always under the Sun, no wonder in the *Terramotus* you will say, seeing he cannot be far off at any time: I answer, 'tis true, and therefore I have concluded he is a prime Requisite. Either the Sun himself can do nothing, nor to Thunder or Earthquake, or if he doth,  $\&$  will be hardly intermeddling.

§ 61. But it may be asked, may it not be indifferent where  $\&$  is posited R. I must not allow that: for though I acknowledge the Effect may take place when he lies at any, even his *furthest* distance; yet if any shall argue the Instance is visible in all degrees alike; we defie his *Irony*; if he thereupon concludes *utterly* against the Influence. First, because the Effect appears more often *nearer* the Conjunction, than further off. 2. Because it happens more often in the Retrograde Course than in the Direct; which he, who pleases to observe, will take some pleasure in. 3ly. Because we shall find the like in the Conjunctions of  $\&$  with other Planets; Conjunctions, I say, rather than Oppositions. So are we beholden to *Ptolemy*, or whosoever it be, to transmit this *great Observation* to Posterity.

§ 62. But *Ptolemy* mentions also some notable *incensed Meteors* next to his *Σεομοί*, as if they accompanied the Concussions of the Earth, which we find to be true: *φλογμεις*, he calls them: some notable bulky Inflammations of Exhalation floating in the Air, distinguished from the Ordinary *αυρομομοί*, the Trajections and shooting of the Stars, *Balls of Fire*, *Dragons*, *Trabes*, &c. which we meet with in History, or their more proper Records, and of which Meteorologers write. Hither must we refer the *Phanomenon*, strange with us, of *Calum ardens*, where the Heavens seemingly, nay, really burn;

of which we meet one Example notable, *An. 1574. Novemb. 14.* where our plain diligent Annalist tells us were seen *strange impressions of Fire and Smoak proceeding forth of a Black Cloud at Midnight, from the North, and so continued till day.* Or the next Night following, *Nov. 15. the Heavens from all parts seemed to burn Marvellous Ragingly, and the Flames rising from the Horizon round about, did meet over our Heads, doubling and rolling one in another, as in a clear Furnace.* *Stowad Annum 1574. Mr. How's Edit. pag. 679.* *Amazing Sights* as we may see by the Annalist, which I note to justify the German Writers, least they should be ridiculed for their Memorands, who call them *Chasmata*, of which some are more terrible, others less. In Germany they are frequent, saith *Kepler* in his *Comment. de Stel. Nov. p. 54.* and in the Southern parts of the World also, as I guess from the very word; for in all Languages words which suffer contraction are known to be of more frequent use, and according to the often occurrence of the thing signified.  $\phi\lambda\omicron\gamma\upsilon\delta$ ; not contracted is  $\phi\lambda\omicron\gamma\sigma\mu\delta$ . At Sea as far as I have observed, they rarely are met with, unless perhaps near the Shoar; the Reason may be, because the Sea emits more Nitrous and less of the Unctuous or Sulphurous Exhalation: So Lightning may be frequent at Sea, while those fiery Meteors may be not so often produced.

§ 63. But I am to give account of our Aspect; First we challenge that of our own Climate, above related, we find there  $\delta \odot \varphi$ . I must confess there is another Planet too, viz. Old Saturn, but that can breed no Scruple. And we run not so far Southward, therefore let that be dissembled, we challenge then *An. 1604. Sept. 16. Calum arsit*, saith *Kepler*, and a  $\delta \odot \varphi$  not far off. *Globus ignitus*, saith *Kepler*, seen to fall. *An. 1617. Febr. 7. Globus ater cum comâ lucida. An. 1623. May 31. July 19. 1626. Trabs Ignivoma, Kepler, An. 1629. October 2. Stella magna. An. 1623. Nov. 20. Stella grandis.* Whats the beginning of these Meteors? *Aug. 4. An. 1625. Chasma.* Again, *Octob. 13. An. 1626. Decemb. 10. An. 1640. May 14. An. 1642. Fiery Impressions. Aug. 11. 12.* But the year 1630. brought 3 Chasms. *Jan. 21. Febr. 10. Aug. 30.* Of which that in *Jan. 21.* is noted for terrible *Oder Brennendenhim mel Burning Heaven. An. 1641.* while it Thunders at *Norimberg*, elsewhere Fire is seen to fall from Heaven. *Fewer von himmel gefallen. An. 1644.* Fiery Chasme noted at *Egra in Bohemia. Aug. 22.* and they say with us also in that year, viz. *Jan. 1.* and *July 11.* the later of which is attested by *Merlin. Angl.*

§ 64. Hither also must we reduce *Clarus Septentrio* in *Kepler*; for what is a Chasme at *Noremburg*, at *Lintz* was, only a Light in the North, one while, *Dec. 10. An. 1626.* and *Octob. 6. An. 1629.* Another while *Calum Sanguineum*, which is made a Prodigy by the same *Kepler*, who knows best, because he was an Eye-Witness.

§ 65. All this Fire have I raked together from *Kepler* you see, and *Kyriander*, who, I must tell you, cries up our Aspect for Thunder, and Fire falling from Heaven before noted, *Dec. 17. An. 1641.* but elsewhere upon less occasion; for on every one of those days shall you find what we call a  $\delta \odot \varphi$ , within 7, 6, 5 degrees, before under 10. Blame not the Germans therefore if they fancy Astrology; and let us hope that we shall have no such Cogent Fiery Evidences for the Dint of the Heavenly Influences, to etch in the Belief of a Scientific Conclusion. A great Conclusion, and Cause Natural; for Nature is a Prodigy, a Miracle; so that I do not wonder at the Instance, not yet mentioned, in the Diary aforesaid, of what happened at *Zicken in Brandenburg, Jan 7. An. 1640.* under a  $\delta \odot \varphi$ , which bears a Contradiction in its mention Tearing Hail, Fiery Hail-stones; The Diary, 'tis true, comes in with his Exception, *sed hæc* (saith he) *sunt miraculosa.* And far be it from me to Extenuate; any Stupendious Work



Work of the Creation, but I am apt to believe, that even this is such, I mean Natural, and all Circumstances considered, hath its Natural Cause; yet I grant it heartily in some sense Miraculous. At *Stetin* the ingenious *Eichstad* tells us of Sulphurous matter rained there. But I won't enquire now for fear I should find some conjuring Aspect, and, that Sulphur containing Fire might be called Hail. We that have ventured to ascribe to the  $\delta \odot \varphi$  a Power of blowing up, or shaking the Earth, must not boggle at any thing less, or equal. Nor have we done yet, scarce.

§ 66. For *Ptolemy*, as far as I can see, made no mention of *Comets*; as if the  $\delta$  of Planets contributed not to the Opening of such *Ætherial* Monsters: although now the Opinion begins to take, as we may see by *Lubienec* his Account, that the Planetary Congresses do give them being. And surely, if they contribute to Earthquakes, Lightnings, Fiery Meteors, &c. They may reasonably be thought not to stand out for the Generation of Comets also, which are found always hankering under Earthquakes, and other Commotions. For what reason can be given why a Comet should bode an Inundation at one time, an Earthquake at another, and a 3d. time a Plague, unless they are united in the same Cause, which in common at his Seasons and Opportunities produces all Three. Beside the Comets *Ætherial* and *Sublunar* are all of a Species, Mortal and Transitory, differing in their Duration according to the difference of their own Dimension, as in reason the *Ætherial* must needs surpass the *Sublunar*. Add that certain it is, that the very Trajections, and other Fiery Meteors, *Trabes* and *Dracones*, are of the same Species before with Comets *Sublunar*, at least. *Ergo*.

§ 67. Now that so it is, under Favour of those Great Men who deem otherwise, will appear not improbable from some Instances ready to be produced.

The First is, *An. 1577.* a proper literal Comet, first observed by the Seamen, saith *Tycho Nov. 10.* where  $\varphi$  is according to *Stadius* but 10. gr. from the Sun hasting to a nearer  $\delta$ . This I say, helps to Midwife the Comet into the World. Its appearance was breeding before.

*An. 1582.* The next Comet in the beginning of *March. Ricciolus. Alm. Tom. I. p. 13.* at what time there is commencing  $\delta \odot \varphi$  towards the end of  $\kappa$ .

*An. 1607.* The Third Comet appeared on *Sept. 16, Stylo veteri.* On that day there are visible Three Aspects, and one is  $\delta \odot \varphi$ , an accident so remarkable, that *Longomontanus* treating of that Comet, as *Ricciolus* informs, thinks it reasonable to date that Comet from the Conjunction. So then.

The Fourth is that famous Comet of 1618. where we will stretch nothing, because there is not that Consent about its first appearance: Besides that they say there were three or four that year; two shining at the same time. All, which I say is, if that be true which *Lotichius* hath declared, who wrote with all Religious Diligence at that time that the Comet appeared first, about the VII. Calends November, *Stylo Vet.* which is our October XXV. it lights punctually upon a  $\delta \odot \varphi$ .

The Fifth, (and there is none intervenes) haps *An. 1652. Dec. IX.* seen near *Orion's Girdle*:  $\varphi$  was in  $\nu$  3. So on the matter there was a  $\delta \odot \varphi$  on the very Solstice.

Again, *An. 1661.* a Comet seen at *Amsterdam, Jan. 28.* a  $\delta \odot \varphi$  makes one there.

*An. 1664. Jan. 11.* a Comet seen in *Stiria*,  $\varphi$  is but 8 degrees distant *An. 1664. Dec. 17.* There are Stories of Fires falling from above. *Dec. XVIII. in Germany*; and I my self saw with Horror, an Angry blazing Meteor as big and round as the  $\odot$ , but with no such meek favourable Countenance. A  $\delta \odot \varphi$  within 3 degrees.

§ 68. And what folly is in this Principle? When as it is certain that even the ☿ aspected with the Sun, and the Rest, gives her *Symbol* toward the kindling of a Comet; especially the Conjunction with the Sun: And *Tycho* I remember, thinks it a reasonable Conjecture in that of 1603. To conclude this Chapter, 'tis good to know what we hope to make as plain as Day; when some great Men there are beside *Iromond*, who favour us, who refer the Original of a Comet to the Planets, *Postellus*, *Cabeus*, *Telesius*, *Bullialdus*, *Kircher*, *Schuler*, *Hewelius* and *Galileo*, &c. And I doubt whatsoever *Lubienec* is pleased to say, *Ricciolus* can have no Demonstration to the contrary; which may be seen in due place. Thus far *Ptolemy*.

§ 69. 'Tis time now, we advertise of Heat, whose account seems so Low, being but 12. because we reckon those days without Wind or Rain; otherwise the Sum gets up to 56. with days more for Thunder and Lightning, And this may be no small *Medium* for conviction of Dissenters; for if a Planet will not be allowed to bring Rain, or Winds, it may be allowed to bring Heat at least, in Conjunction with the Sun (for a very Mountain of Ice joyned with the Sun, will reflect Heat, till it is mastered.) Let the Industrious Calculator assure me that the Luminous Planets do but meet, and he may assure himself without *Violence* to his Intellect; or self-impossiur e, that the Warmth he finds at the *Critical* time streams upon his Head from the *Configuration*. Doth not our *Verulam* acknowledge so much in his Inquisition into the Form of Heat? Henceforward let no man therefore take up that vulgar, and scarce reasonable Expression, saying, On such an *Astival* day the Sun is *very Hot*, and ready to make one faint, &c. when the difference lyes, Elevation considered, very often in our Planets side, who sculking under the wings of the Sun, betrays his undiscerned *Presence* by his Natural *glowing* together with the greater Luminary.

Wherefore let me bespeak the Dissenter, Sir youare a Philosopher: Some of these days, you may please to see, are more than ordinary Hot, as *May* the 13. *An.* 1621. *June* 7. and 9. *An.* 1623. *May* the 24. *An.* 1624. or three days together in *August*, *An.* 1625. or in *June*, *An.* 1626. I would know the Cause, as abroad, so with us at home, *An.* 1672. *July* 15, 16, 17. (among others) 3 days hot together. *Whence comes the Heat?* The answer is made, Oh it is usual for the time of the year. But this answer is not Scientificall, it renders not the Cause. If a Philosopher enquire after the Nature of Sleep, the cause is not assigned by saying, It is usual, or, 'tis the time of Night; the gentle Unctuous cooling vapours, to benight and charm the Sensory, is the Cause: Feaverish and Famish'd Men sleep not for all the time of Night. So, be it never so much the time of the year, place the Sun where you please, there's no necessity this day *must* be hot with Express or Excessive Heat. Those 3 days of *July*, though inclined to Heat as much almost as any. are not always found under that Character. If the Enquiry were, whether a hot day in Summer were a Prodigy? Such answer, indeed, were punctual: No, by no means; 'Tis usual, and according to the time of the year: But when the Question proceeds of Cause wherefore at that time of the year? Nay, *wherefore* on the very day, which might have proved cold, notwithstanding the time of the year: We must look into a more secret and abstruse cause: I must find a Reason from the very Constitution of the *Primrose* or *Violet*, If I mean to answer the Question of its early Blossom. The time of the year allows only an aptitude or Inclination. The Argument doth not follow from the Power or Inclination, to the Act; *This day is hot, because it was probable it would*. What then (Sir) is the Cause? The Astrologer reasonably urges, *Chance* can not be it, for what determines the Effect? since all Events, though never so casual, are such, not because they have no determinant, but because 'tis unknown.

§ 71. *Gassendus* press'd with this Objection, denies *Chance* *Ore tenuis*, while he tells us, that the Sun, Moon, and Stars, are the *general* Causes of many *Phenomena*; but beside these, (for he knew generals were indetermined) He mentions other Inferiour Sublunar Causes, Causes *per se* (as he calls them) *Singular*, *Special*, which determine them to *Hic & nunc*, Meteor. *Epicur.* p. 944. by which Cause if he means the nature of the place, situation, &c. Subterraneous Fires, and Eruptions of vapours, we admit them heartily as well as he. But certainly, Place and Situation are *Circumstances*, rather than *Causes*, without which the Heavens can do nothing: That we confess, yet we deny that they may be called therefore *Efficients*, Principal and *Singular* Causes. The *Fires Subterraneous* seem to put on for *Efficiency*; but we profess to believe that these Fires are *not so Universal*, as I see is imagined by himself and others, *Agricola*, &c. who have not kindness enough for the *Aethereal*.

§ 72. Neither, secondly, is this Cause but general still, and *indeterminate*, as they say of our Heavens; the *Determinate* is yet to seek. For suppose the Fire sends forth the Vapours, and the Vapours condense into Rain. Stay! May not the Cloud be barren? The Vapour Dry, Foggy, yea, *Pellucid*? As in *Serenity* and *Drought* is seen; seeing by the Testimony of the *Baroscope*, the *Serene* and *dryest* Air makes the greatest pressure: What then makes it a Cloud, say I, rather than *Serenity*? The Sun shines, and the Fires are at work, and yet *Serenity* and *Drought* continues, many times, for the greater part of the year. The answer is, the Vapour is condens'd to Rain, it gathers into a Cloud. The! for the *Serene*! For if *Cold* be mentioned to the generation of Clouds or Rain; we ask further, What encourageth the Cold at that time? Is it a *Mid-Region*? We admit the Notion. But then, why doth it not always Rain, or Cloud, according to the Temper of the Region? As long as Vapours ascend continually, why don't they as continually descend? (What we say in an *Alembic*.) The *Subterranean* Fires work *Day* and *Night*, *Winter* and *Summer*, and the *Mid-Region* is never Free, because the *Superiour* (the more remote) *Region* is never Free also. Neither may it be said, That there is variety in the *Mid-Region*, as not always of the same Temper; sometimes *extream*, sometimes *more remis*. For so, 'tis true it may Rain when 'tis remis, and Snow or Hail when 'tis *extream*. But in *Frosty days*, I hope the *Middle Region* is *extream*; Why don't it Snow then? How comes so many *Serene* and pure *Frosts*, as all natural and wholsom *Frosts* are? Want of Supply cannot be pretended; the Fires do their Duty, and at all times alike, for any thing they know; whence is it that the *Middle Region* is Idle? For, that sometimes this Region is guilty of no Cold? I suppose all that travel the *Alps*, the Mountain *Rhodope*, *Taurus*, *Libanus*, or, our own *Penmaur*; All, who have heard of a perpetual Snow lying thereon, will not consent. Surely then the difference of the Temper of the Region, defin'd to be sometimes moderate, sometimes of an *extream* Cold, lies not in any confus'd disorder, or chance, but in *Vicissitudes Regular*, with *Anomaly*, such as the *Seasons* themselves are capable of, and no more; a sign that they are governed by *Ordinances* of Nature, excluding *Casualties*. For if some Heat, beside *Solar* and *Subterranean*, governs the *Tepor* of the year, as Cold is a privation, at least, it must be govern'd by the same *Celestial* Cause; nor can we rest till we have found that Cause in the Heavens.

§ 73. To this the learned Man Objects thus, If it rains to day, it doth not rain again the same day 12 Month, but sooner or later, according as the matter is prepar'd. To which I answer, If I should have said that it rains not at a New or Full ☾, but sooner or later, according as the matter is ripe; I should have *Fib'd*; seeing 'tis confessed that it usually raineth then, who



soever ripens the matter. And so, I hope, I may retort in our Aspect of ☉ ♀; that however, matter is prepared at other times, 'tis usually disposed for Wind and Rain *then*. But this objection concerns not Aspects, of which in general enough hath bin said; but is rather levell'd at the *annual* Revolutions of Stated days: No Question but the matter is prepared for Rain, when it Rains, but who prepared it so variously, so uncertainly, under such Difformity and Dissonance, (to comply with the Objection) is the Question: The Sun and Moon alone, we have made good, cannot be the Causes preparatory or determinant of a *Showre*, &c. nor can any matter possibly prepare it self; as Ice cannot thaw it self, the very Notion of *matter* being passive. He must have excluded *Other* Requisites, which he knew *Celestial Philosophy* pretends to, before he could justly infer so *Universal* a *Negative*. *It doth not rain again the same day 12 Month, Ergo, the Sun is not the Cause.* I allow it, I will help the Argument, and say, *it doth not rain again the same day 19 Year, when as the Golden Number tea cheth us, the Sun and Moon are in the same place, Ergo, the Sun and Moon are not the Causes.* But still the Argument is Cripple, which saith, *Ergo, not the Heavens.* A blind Consequence that sees not more Lights than two in the Heavens. It will be said, *that by the same day 12 Month (or 19 Years rather) the Objection means the Sun, Moon, and Fixed Stars*: What then? Are not the Planets overlook't? Do they make nothing of a World? The Planets are Worlds? They know the Sun is bigger than the Earth, a World Celestial; h is a World, as say Pretenders, less than the Sun, &c. Now for the Fixed Stars, what hath the same day 12 Month to do with any of them? But those few only that relate to the Sun and Moon there posited? If the Objector do believe, as he doth not, that the *Fixed* are concerned with the Sun, the Controversie would be soon dispatch't; for the *Fixed* would also be found to be concerned, which relates to h's or u's places, &c. And that which is a high Truth, VII. *Companies* at least of the *Fixed* are concerned every day, according to the number of the Erratiques, which transit by them: And if it rains not the same day 12 Month, the failure proceeds from the *different marshalling* of those Companies. But the VII. are always engaged to every day of the Month or year. And hence comes the Halt, or delay of the Weather, which the Objection takes notice of. Most times the beginning of March is Stormy, sometimes the End, *not according as the matter is prepared*, as if the Womb of the Air teemed so many Days, Weeks and Months before it brought forth, and then by the same degrees returned to its Sterility. This is the Grave Idea, which men have of Natures Productions; attributing to *One*, what belongs to VII. For Matter may be prepared and unprepared, and prepared again, as often as the Air is overcast, and the Winds blow hollow, and drive away the Clouds. Matter may be prepared in an *Hours* time, the Wind may turn in an *Instant*; verily as soon as the Sun is set, 'tis ordinary for the Wind to vere about. 'Tis ordinary for one Wind to blow by Night, and another by Day: The *Barometer* will shew us the Truth of this, which will change in an Hour or two from Fair to Rainy, and *never* shews above a day before hand. The reason is, when there are more Workmen about the Preparation then is imagined, the more sudden is the Effect: So that hence also comes that *Dissonancy* of the Weather not compliant with the Season. Cold at Midsummer, and warm at Christmase, because every Planet but the Sun, *Venus* and *Mercury*, are at liberty. The Sun first makes the Season, *Venus* and *Mercury* attend him; but the ♀ we know, and ♂ h and u may saunter, or make *Excursions* where they plea se, to take up their Winter Quarters by themselves, while the Sun and his Gang, are meteing out the Vernal or Summer Seasons.

§ 74. According to the *Nature* of the Months, *April* we know, is inclined to Rain, *May* to Warmth, *June* to Showres, *July* and *August* to Heat, *January* to Rain, *February* to Snow, *March* to Hail and Turbulency. Suppose these Months be mingled together, as they are mixt by Planetary Motion, the *same* Weather will the Planets assuredly make, being found in the *Signs* answering thereto. So that if it be warm at time of the year, because the Motion of the Sun chalks out the Months of *July* and *August*, it may Rain at that time, because a Fourth Planet may be in *April's* Quarters, and Hail, because a fifth may be in *Marches* Limits. And do not the Vulgar confess that many times *One* Months Weather is found in another? Yes verily! Place now Planets enough in Winter Signs, and it may Freeze in *March*, and Snow in *April*; yea, as we have heard, not impossible in *June*.

§ 75. Oh! But the *same* Planets never meet again the second time in the *same* Place and Posture. We answer: they may meet again in *Equivalent* places. For do we think there are 365. kinds of Weather? Do not divers Places in the Heavens agree in the *same* inclination? Doth it Rain only in *April*? Is not *June* Dripping, and *November*, *December*, &c. So the seeming great Objection vanishes. Either the *same* Planets may meet in *Equivalent* Places, or *Equivalent* Planets may meet in the *same* Places. Verily, not *Picus*, nor *Gassendus*, with all their Causes *per se*, or *per what they please*, can give account of *One* Frost dissolved in Winter, No: Nor after they have felt the Benefit of the milder Air; nor of *One* Chill day in Summer, though they have smarted by it; much less of a solitary Constitution, when one or two days shall strangely thrust themselves into a Month of a *Contrary* temper. They admire and despair to find the Reason why Winter dare not sometimes shew his hoary Head (Bald at all times, but sometimes not Hoary at all) and yet at other times march towards the torrid Zone, pass the Line, and Face the *Aestival* Camp. No account, I say, can they give of a *White* Easter, and a *Soultry* Christmas. Snow in May or April, and Thunder in December. No reason for Long and Lasting Rains, seeing the Earths Evaporation is not responsible; because the Earth, according as the Fires, are continually at work, *Evaporates* in Drought as well as Moisture.

§ 76. Gassendus observes indeed, p. 996. that the Workmen in the Mines preface Rain upon the rising of the *Fumes* Subterranean. Let those Workmen, or some body for them, be taught to consult an *Ephemeris*, and they may chance to find some *bonny* Aspect at that time; as we may see in the Aspects of the Superiours, which plainly agrees with our Hypothesis; and teacheth that all nature is troubled at their Presence, being irritated more at one time than another. Now that all Nature is troubled, (to make a digression) and the Subterranean Fumes, the Evidences of such Trouble, do rise at the Presence of Aspects, I have met with a remarkable Instance or two, to lead in those who can make Additions. The First above an hundred years ago, in the Month of *July*, An. 1547. which I shall tell in a Famous Doctors own Words, in the Margin of his *Ephemeris*. viz. *Primo Julii apud Harreret Cati duo Longam postpugnam, in fontem morientes utrique inciderunt, Pater familias, fontem in fici istis cadaveribus haud cupiens, puerum demisit istos ut educeret, at puer ipse mortuus extractus est; descendit homo alter, hic mortuus; etiam tertius insaniâ correptus, Patris Familias nomen fuit Ryve duodecim mill. pass. à Fulburnia factum.* The Later but lately indeed, viz. Aug. IV. 1679. the day when most parts of England felt the Dire Lightning and Thunder to their Cost. Those of our Neighbour Borough in *Southwark*, remember it by a Woman slain with Lightning, dwelling in *Kent Street*; yea,

yea, and by this Story, parallel to the former, when a young man, a servant upon occasion went down into a Well belonging to the Family, stifled with a Damp, groan'd his last. And a second descending to the relief of the First, underwent the same Fate; the Third not daring to be so charitable as to descend to either. Now that the Heavens were set at both these times so to provoke Nature, appears by this, that in both these we shall find Aspects of  $\hbar$ ; yea, and at both times  $\hbar$  posited in the Tropic: The First, in the Winter Tropic, and the Later in the Summers: This is the second Story.

77. There is a *Third Story* of a *Damp* at the Fatal Sessions in the City of *Oxford*, not arising so much from the *Prisoners* Frouzy Bodies, which might be imagined, as from the Earth, at such a critical time. No less than 300. are recorded in *Stow* to have perished, some on the Spot, others in a short time after, *An. 1557. who will* reveal to us the cause of such a Fatal *Damp*, then, and there arising! Let others search into the Nature of the Soyl; As to the Circumstance of time, why then, Oh! if  $\hbar$  could be found again, at, or near the Tropic, then we might draw some conclusion: Verily no otherwise.  $\hbar$  was then, then also on the Winter Tropic, opposing  $\Psi$ , at, or near the other. See the Ephemerides; so apparent is it, that an Aspect can trouble the Universe. Pardon, good Reader, the Digression, 'tis only out of place a little, we should have troubled you elsewhere with it.

78. Now after all, premising but one *Postulate*, I shall ask a Question; the *Postulate* is, that the same day 12 Month, vulgarly so called, is not the same day in *Astrological* Notion; which is defined by the same degree and its *Revolution*. This degree answers not to that day next year. This *Supernumerary Bissextile Day* intruding, dispossesses the degree of its Room in the *Bed*, and thrusts it so far, that it lies half out and half in, dividing it self between two; that I may not say three days. *Gassendus* then should have obviated this, and have said, *I know that by reason of the Intercalary Day, while it is in Fiebi, the same vulgar day answers not adequately to the same degree; and different Days may be concern'd in considerable parts of the same degree, but neither at One, or the Other doth it rain again the next Twelvemonth; Ergo, the Heavens are not the Cause.* But he was not so provided; I confess it doth not always rain the same day 12 Month, if it had; *Gassendus* had bin an *Astrologer*, and reconciled to good Learning. Now for my Question: What, if we produce some days wherein it doth often Rain next Revolution of Twelve Months, and by much the most part, if we consider the Identity of the degree? So that I wonder what day *Gassendus* doth pitch upon? And whether he consulted his own observation, or some other Diary? It may be he observed a year or two, and when it did not prove the 2d. yea, and a 3d. time, he concluded. But how hard that is, hath bin shewn already, especially when after a 2d. or 3d. failer, it holds, as in the New hath bin observed for 7 continued years after. Had he followed his blow, and said, that All days are indifferent, and alike inclin'd, and for this appeal'd to the Diaries, then he had routed us; But we Challenge all the World to shew that, or anything near it. For beside the *Antient* Diaries, which by the equal Judicious are not to be questioned, *Gassendus* might have seen to the contrary in *Keplers*: and every *Modern* Diary will confirm.

79. It must be time now to name some days if we can, for a Taste, thus I do it. *An. 1621. Ephemerid. Kepler.* I find Wind and Rain. *Jan. XII. An. 1622. die eod.* Wind and Snow. What would *Gassendus* have said if he had pitched upon this day? The 3d. year, *An. 1623. Snow. An. 24.* High Winds on one of the Days (for here are two concerned in the same degree) and Snow on the other. *An. 1625. Much Rain. Lo! For Five years together, Rain or Snow. An. 1626. I find neither, but warm weather*



ther. But *An.* 1625. Some Snow. *An.* 1628: Stiff Winds for one of the Days. And the Ninth year, *An.* 1629. It snow'd.—Rain or Snow VII. years in IX. So have we one Day. I have a second; Feb. 26. the degree is  $\propto$  18. where it Rain or Snows (believe me) VIII. times in IX. years. It may be worth the Describing in his own Words. February XXVI.

1621.	1622.	1623.	1624.	1625.	1626.	1627.
Pluit	Pluvia Nix	Neb.	Gelu venti	Obscur.	Venti Ning.	Ningebat.
Noctu.	Frigus Nix.	Nix.	Nimbi Niv.	Nix.	Pluviose.	Continenter.

1628.	1629.
Turbid.	Ning. Venti,
Vernat.	Tonuit.

§ 80. We need no more, when *Thunder* gives his voice for us; when the Heavens themselves speak out for *Astrology*. And the Reader may think this pretty feasible, if, what is true, every degree in it self as it speaks but it self, its own 60 integral Minutes; so it respects *two more*, one on each side, as the Liberties of the Mid-Degree, to which the *Terms* of the said Degree do not reach, but the *Influence* does. So within *Temple-Bar* I am within the City of *London* (within the Jurisdiction of it) though without the Walls. Our *Aspect* we grant, doth not so much as we see; the Sun, and some of the Fixed can; the reason is evident, *viz.* that *Mercury* is but one, and some *Fixed* may be many, a notable part of an *Asterism*, but it is effectual enough to evince a strong *inclination*, and thereby, by *Gassendus's* leave, declare the *Nature* of a Planet: For excepting the *Luminaries*, saith he, they cannot know the *Nature* of any Planet, nor ascertain any Prediction thereby; for which he appeals to experience which teacheth us, that be the Prediction what it will, the Event brings as many, yea more Experiments to the contrary, and therefore good *Night* Astrology; *Scientia Futilis, vana & nulla*, There's nothing in it.

§ 81. This we know is the grand popular objection, which *Gries*, not reasons us down. For those Gentlemen who please to make use of this Objection, I desire them to consider again, for we are forc'd to repeat, that while they go to overthrow a most useful Speculation, Will they, Nill they, They establish it. For the Words of the Objection are these, *The contrary to the Prediction happens as often, or more often than the Prediction*. If the contrary happens but as often (and sometimes, though but rarely, more often.) Is not there a great inclination of the Planet? And doth not the prediction come near, and hover about the Truth? Verily he hath a great Aim that draws the Bow so dextrously that it hits the White as often as he misses it. A Prediction of Art is far from nothing, though it comes but to even terms: Probable it must be when it succeeds as often as Fails, as it must do, if it fails but as often as it succeeds.

§ 82. We have proved, the  $\delta \odot \varphi$ , the event being observed at such continued times, produceth Rain, as to a *Moiety* of the Number, that *Aspect* being then a Natural ingredient into a Natural Effect, the Total may be made up, sure, by the Investigation of its Con-Causes; otherwise there would be a *Scibile*, a Conclusion under natural Knowledge without any possible Natural Premises, which is impossible; since the *Principia essendi*, as we have used to speak are the same with *Principia Cognoscendi*: If it have the First, it must have the Second. Nor must we object the *squaring* of a Circle, or the perpetual Motion not yet found out, because, if we mark it, they are Conclusions in quest and pursuit, not yet in being: But our conclusion is in actual Existence, whose Principle we enquire after. But we

see it Rain again, and again; wherefore if we object to purpose, we must Assign the *Longitude*, the distance from the first Meridian, &c. for we are all actually possessed of That, but for the Knowledge of that Distance, I answer, it must be possible either from the variation of the Compsals, &c. as hath bin of late professed, or the Hour of the Night being given, and the verticity of the Moon, &c.

§ 83. In vain then doth the Learned Man Triumph, who after a whole Winter observed, avows his Astrologers Predictions to hit but 6. or 7. in 130. times; For this we are assured of, that all those dayes (130. of them) were not  $\odot$  or  $\odot$ . If he find but 6. or 7. days hit in so many Conjunctions with the  $\odot$  or  $\odot$ , then Astrologers must not shew their Heads again. If not, they are not quite Bankrupt; they have some little Bank left. 2ly. He must not deny what he hath already granted; Astrologers, he confesseth (or else we should have heard of it) succeed neer upon as often as they fail. 3ly. Nor must he be angry that we have proved in part that he is not a *Competent Judge*; For if *Three* days must be allowed to a Solar  $\odot$  or  $\odot$  with the  $\odot$ , and *Three*, yea *Four* and *Five* sometimes, to  $\odot$  or  $\odot$  (beside what more might be said if I had his Diary in my Power) he might have consulted better the Astrologers Credit and his own. I am sure our *English* Writers pronounce cautiously with such Limitations, not always on a *determinate* Day, but *as* or *about* the time; which on the Solar Aspects with  $\odot$  or  $\odot$  hold at least a Triduum, but with  $\odot$  and  $\odot$  much longer. Now if in one or more of these days there happen an *Hiatus*, the Aspect nevertheless is rightly stated, though the Effect happens but *once* in the Triduum: For so we have seen the Countryman content himself with his *Maxime* of the Lunar Influence, though several times his expectation fails on the day of the Change, and on the other days also; That which fails may be scarce considerable, if so be at other times he hath amends made him: for what fails in the smaller Observations, is *made up* in the larger; Otherwise a *Puny* Philosopher will say the Suns faculty of *Warmth* is extinguished, because it *Snow'd* at Midsummer; and *April* is not inclined to Rain, because some years have not met with three drops in the whole Month.

§ 84. To conclude therefore, *there is nothing in Astrology*, is very hard, when, as I am perswaded (and no Friend to *Vanity*) that there may be something in *Cabala*, *Gemetry*, something in the mysterious Force of *Numbers*, in *Critical* Days, *Climacteric* Years, the Doctrine of *Magnetisms*, *Sympathies*, and *Natural Magic*, *Transmutations* of *Metals*, Doctrine of *Moles* in the Body, Doctrine of *Signatures* of *Plants*, *Dreams*, *Chiromancy*, *Genethliac* Skill; (as to Health and Sickness at least.) Let not the Reader think in the least we will add *Geomancy*, *Steganography*, *occult Philosophy*, or any thing whose grounds hide from Mortal search, or have a Sulphurous flavour of the *unclean Spirit*. But I have seen from one of the *Esprits* of *France*, a Discourse of *Chiromancy*, (a Senseless piece of Learning as ordinarily taught) yet made by him pretty and plausible. We are Infidels too many, delirous of unseasonable and immense *Convictions*, such as cannot be advanced. The Good God of Heaven hath provided for us in a *temperate* Zone, Places of Habitation and Rest: Such as are too good for us because of its Calmnes. Will we not believe a Devil unless we see him? Nor consent to an *Influence* unless we feel its *Fury*? Shall we conceit the Heaven hath no *Power* over the *Earth* unless it shakes us out of it? Destructive Tempests, Hurricanes, vast Deluges, Lightnings, Rain, Comets, Earthquakes, Dismal Darkness, Heat and Drought extream and intollerable; the greatness of these Effects, Foul and vast as they are, may excuse the Frequency, with our Thanks to the Creator for Natures kindness to us, and yet must afford us also a fair *Item* of such *Inclinations*, which at times brake in upon

upon us. I confess 'tis no matter for enquiring the Cause why I yawn sometimes, or why the Ear tingles? I may be weary, or talking, or restless: But if, as God defend, I sink under a dire Fit of an *Apoplexy*, or *Epileptic* Distemper, though but seldom it happens, I shall be jealous I have an aptitude to it.

## CHAP. II. *Conjunction of Sol and Venus* ☉ ☿

§ 1. and 2. *A noble and permanent Aspect.* 3. *Aspects, their pretty Vicissitudes.* 4. *The Table of the Direct Aspect.* 5. *The Table of the Retrograde.* 6. *Somewhat prolix, but necessary.* 7. *The ☿ contributes to Warmth.* 8. *And yet also to Cold; how the Congress of Two Catorisick Bodies may increase, yea, and abate Heat.* 9. *The Tradition of the Antients.* 10. *Justified as to bright Air.* 11. *As to Showres.* 12. *Contignations of Clouds, whence they proceed.* 13. *Justified as to High Winds.* 14. *Though the prolixity of our Table be disadvantageous to our Method, we find notwithstanding a Moyety for Moisture in the Direct. The Retrograde Aspect brings moisture once within the Triduum.* 15, 16. *Presentment of some days from the Table which brought store of Rain, and not a few, which rain'd all the day long. Divine Providence proved thereby. How ☿ contributes to such lasting Rains. Astrology demonstrates.* 17, 18. *Fleec'd Clouds, strip'd Clouds have their determinate Cause.* 19. *Some account of Clouds riding contrary.* 20. *Of the Morn, and Evening Tincture of the Clouds.* 21. *Difference of Mist, ☿ inclines to Fog.* 22. *Platick Aspects explained, as powerful as the Central, whereby we give an account of the Effects and its Duration.* 23. *Recourse to Keplers Diary.* 24. *Due and proportionable distance is operative as well as a Central Conjunction.* 25. *Some Light to distinguish the Effects even when the Aspects are co-incident.* 26. *Our Aspect contributes to Waters.* 27. *☿ in elongation seems to contribute to the same.* 28. *Our Aspect attended with Chasmes, and a parcell of fiery Meteors.* 29. *Yea some Comets and Earthquakes occur.* 30. *Shortness of understanding it may be, to multiply Prodigies; to acknowledge them is None. Nature not wholly excluded from Prodigy.* 31. *Conjecture why Ptolemy ascribes no Fiery Meteors to ☿, &c.* 32. *Tycho and Kepler favour our Pretence, as to the Original of Comets. An attempt to give an account of the Duration of a Comet.* 33. *Some instances in Flouds.* 34. *And of Monstrous Flail.* 35. *A Hurricane.* 36. *The Abstract drawn from the premises.*

§ 1. **T**He ☉ ☿ was a great, our present ☿ is a glorious Aspect; for ☿ is a fair Star by all confession, White and pure, as the Flame of Virgin-Wax: Wherefore Nature hath given the more glorious Star ☿ a greater Orb in comparison of the other, (☿ I mean) that her glories might be often more observable. She therefore becomes our *Phosphorus* at times of the year, and bids our Early Shepherd *Good Morrow*; not only his Star,



Star, but his *Valentine*. At Even, like a kind Companion, she stays by him all the Civil time of the Night, and then *winks* her adieu.

§ 2. It may be judged also a Noble Aspect from the *term* of its duration, where the Sun and She, within reach many times, go hand in hand a Fort-night together. So that the experienc'd Astrologer hath that one *grand* Influence to manage all the while. I speak of the *Partil* Aspect, or what ought to be called so; since the *Platique* Aspect reaches beyond, far beyond, as we shall see immediately.

§ 3. The ♂ of ☉ and ♀ are Direct, or Retrograde: Hitherto we have spoken of the Direct only. In the Retrograde (as in ♀.) There are Four Days will limit his Influence. In the *Platique* further. In this Diversity of Motion I cannot but take notice of the pretty *Vicissitudes* of Direct and Retrograde every 10 Months; so that every *Second* year there happens *two* ♂s, the one in the *Direct*, the other in the *Retrograde*; and every *Fourth* year so admirably contrived, that the same degree of the Zodiack possessed in the *First* Revolution, you shall find it very near inhabited again in the *Second*, the *One* Direct, the *Other* Retrograde, & *vice versa*. And such pretty Methods I remember I might have observed in the Conjunctions of ☉ and ♀; yea, in the Quadrates of the ☉ and ☿; but what have we to do now but to open its Evidence.

### Conjunction of Sol and Venus.

♂ ☉ ♀ Direct.

§ 3. January.

An. 1671. Jan. 29. ≈ 21.

XXI. Close, warm season, H. wd 12 p. S W.

XXII. Close, H. wd not prest. Tempestuous wd ante Luc. f. misc. S W.

XXIII. H. wd ante L. bright summer day; Athes. N W.

XXIV. Frost, overcast n. S W.

XXV. Rain ☉ ort. Warm; rain 5 p. & gusts, Winds n. S.

XXVI. Fr. m. warm; Snow and Rain 1 p. Wetting 1 p. S W.

XXVII. Some moisture 4 p. W.

XXVIII. Fog, close, wetting day. Sly.

XXIX. Windy, f. fog, warm; H. wind n. Sly.

XXX. Rain m. & 3 p. H. and cold wd. N W.

XXXI. Fair and Frost m. close, H. wd. a. L. Nly.

Feb. I. Frosty, Nly 2. White Frost, High wind. E.

III. Frosty, offer Snow. E.

IV. Frosty, close m. p. N E.

V. White Frost, fair, Halo D.

VI. f. Snow a. m. Halo 9 p.

VII. Misty, missing die tor.

VIII. Wetting a. m. & post mer.

X. Wetting a. m. & m. p. d.

An. 1679. 25. ≈ 15.

XIV. Frosty, snow not. N W.

XV. Ice on Thames. Bridge stop'd 9 m. Indisposit.

XVI. Fr. f. snow, observ'd m. Snowing p. m. per tor. ad 10 p. and fog, mild hor 9 p. N.

XVII. Fr. f. relent, offering p. m. N.

XVIII. Fr. cloudy, not cold. N E.

XIX. Fr. Gr. fog, takes up 10 m. N.

XX. Fr. Cloudy, open, wd. N.

XXI. Sharp wd, warmish, f. snow. ☉ hath not offered. N E.

XXII. Red m. in S E. Fr. f. drifling p. m.

XXIII. No frost, f. snow 8 m. snow and thaw p. m. p. tor. ad 12 p. N E.

XXIV. Sn. ante L. most part & 6 m. thaw p. m.

XXV. Fr. snow. very sharp wd. Freez, relent. N E.

XXVI. Terrible fr. H. wd and cutting by complaint of all.

XXVII. Very sharp winds, Thames covered fere. As cold as hath been known. Misty. N E.

XXVIII. Fr. vehement, L. snow ante 1 milder, misty round about, though ☉ shine. N E.

T. M. at Fort S. George in E. Indies. N E.

XXIX. Fr. fog, driffl 5 p. welcom thaw. N W.

XXX. Gr. fog, dry, thaw. S W.

XXXI. f. fog, close p. m. N E. much Ice on the River. Feb. 1.

February.

An. 1655. Feb. 3. ~ 24.

- XXVI. *Januar.* Warm n. moisture a. L. R. Ely.  
all day wd.  
XXVII. cold, dark, cold wd. Ely.  
XXVIII. Fair, frosty, f. gr. clouds.  
XXIX. Fr. snow lies.  
XXX. Snow, scarce freez.  
XXXI. Frost, snow lies.  
I. Febr. Fr. foggy, warm; R. n. SW.  
II. Windy, misty, misting by fits. S W.  
III. R. a ☉ or. & m p. wd, warm.  
IV. Wind gentle R. m. warm, more earnest Rain.  
V. Misting, warm.  
VI. Fair, windy, *dash of R. n. terrible blustering.* NW.  
VII. H. wd, flying clds, R. a. NW.  
VIII. Wet a. m. cldy, wdy. NE.  
IX. Cold wind, wet m. cl. cold.  
X. H. Wind f. R. a. l. cold, misty, drizzle m. dark. S W.  
XI. R. a. L. ground mist n. f. drops 10 m.  
1663. Die 1. ~ 22 *una tum* ☉ & ♀.  
XXIII. Jan. Fr. fog, clear, a shower 10 p.  
XXIV. & XXV. Foggy, frost, foggy, clear. S W.  
XXVI. Fog, fr. close, l. R. 10 m. 4 p. 7 p.  
XXVII. R. a. m. close.  
XXVIII. Fr. snow a. m. hail o. Nly.  
XXIX. Hard fr. with snow, drifting n. NE.  
XXX. Fr. extream, f. snow m. NE.  
XXXI. Fr. f. snow 6 p. NE.  
I Febr. Fr. extream, cold wd, f. snow.  
II. Fr. extream white clouds. N.  
III. Snow a. L. fr. fog, close, yielding o. freez.  
IV. Frosty, fair.  
V. & VI. Fr. fog, much Ice in Thames.  
VII. Fr. fog, white clds. Wly.  
VIII. Frosty, fair, 9 Halp ☾.

April.

1658. Apr. Die 8. 8.

- IX. X. XI. \*\*\*.  
XII. Close m. warm; clouds Red, Wind and gusts, clouds ride NE.  
XIII. Fr. m. close a. L. and misty ropes, bright warm. NE.  
XIV. Fr. m. mist, ropes, warm, cool wd, blew mist ☉ occ: red at n. NE.  
XV. Closing a. L. 10 m. deep blew. mist, cold ☉ occ. it dropt. *Weatberglass* promised R. NE.  
XVI. Fr. drifting p. m. showres ☉ occ. Hail at Lond. 9 m. blew mist taken up, dropping coasting showres.  
XVII. Close, warm, Rainy m. at Beconfield, ropes. NW.  
XVIII. Fr. fair. R. great drops, coasting. So ☉ occ. NW.

- XIX. Fr. rope, Meteors on ♀ side. SE.  
XX. Fr. cold ☉ or. offering to drop p. m. cold, gusty. NE.  
XXI. Close, wdy, wetting a day break till night, very cold. NW.  
XXII. Showr m. warm, close m p. clearing ☉ occ. NW.  
XXIII. Close m. f. wd, rainy a o. ad n. wel-com. NE.  
XXIV. Warm, dropping 1 p. gr. drops 9 p. Thund. 3 Claps in the E. 9 p. much Rain and Thunder. ☉ & ♀ d. 15.  
XXV. Close m. warm, open o. flashes of Lightning, shedding 3 p. SE. SW.  
Clouds in Scenes.  
XXVI. Fair, warm, f. lightning NE. and some Meteors. NE.  
1666. 16. 8. 6. 8. gr. 5. dist. ☉.  
VII. H. wind, fair m. overc. 8 m. mild and fine showres o. & 2 p.  
VIII. Sweet R. a. m. tot. R. 2 p. 5 p. 9 p. W. SE.  
IX. f. moisture m. fair m. p. Hail, coasting showres 11 m. hail 5 p. f. drops. 6 p.  
X. Fog m. & a. m. Ely. Close die tot. R. 7 p. 9 p. cold, rain.  
XI. Cold drops a. m. misting o. pouring R. 2 p. open 11 p. and freez. Wly.  
XII. Fr. fog, close m. p. gentle rain 11 p. E.  
XIII. Cold, mist m. open n. wetting 1 p. 4 p. &c. R. 8 p. W. p. m. so at even, clouds in Scenes.  
XIV. Mist m. cold a. m. R. 6 p. ad 8 p. S W.  
XV. Mist, hottish a. m. cool, brisk wind. W.  
XVI. Close, wetting m. p. H. wd and wetting all n. Wly. Nly.  
XVII. Misty, wdy, stormy p. m. R. hard 8 p.  
XVIII. R. a. l. wdy, rough weather, f. drifting R. p. m. hot. SW. W. S.  
XIX. Fair m. bright, hot day; lightning, R. and Thunder 10 p. wd cool, mist, wind blow hottish. SW.  
XX. Close m. f. dewing, open and hot; toward Even clear. S W.  
XXI. Close, misty m. fair, hottish, bright n. SE.  
XXII. Mist, streaked clds, hot wind.  
XXIII. R. ☉ or. fair, white clds. S.  
27

April.

1674. Apr. 12. 8. 2.

- V. S W. open, clouds in Scenes.  
VI. Nly. mist m. showres 11 m. wd change Sly p. m. then Ely.  
VII. N E. Showres 9 m. warm, storm at the Wells at Lyn, deep Shipwrack.  
XIII. Fair, but f. showres, and cold, clouds fly Ely. Aches 10 m.  
IX. Close a. m. open p. m. misty, Aches, misting 10 p.  
X. Showres 11 m. &c. warmer, Aches. S W  
XI. R. n. R. 2 p. Ely. Aches.  
T t XII. W

- XII. Wly mist, open a. m. close p. m. brisk wind. S W. Aches.  
 XIII. N E. suspicious a. m. warm, open m. p. Aches.  
 XIV. Hot and dry, misty air, cattle clouds N E. Aches.  
 XV. N E. Fair, dry, hot.  
 XVI. N E. f. R. 5 m. warm, lowering p. m.  
 XVII. S W. close m. p. f. R. 7 p. Aches.  
 XVIII. Nly. close.  
 XIX. Ely. Open, dry, f. wet, warm S E. & N E.  
 XX. Sly. H. wd 4 p and clds in Scenes.  
 XXI. Close, misty, showre 9 m. 10 m. at *Islington wd. R. o. p. &c. tempestuous.* S W. but Ely n.  
 XXII. Tempest a. l. & die tot. S W.

29

## June.

1653. 15 June 26. ☽ 15.

- XIX. L. R. m. cloudy, clear m. misty, R. N.  
 XX. Cldy, some drops at n. Rain Blood at *Pool, Childrey.*  
 XXI. XXII. Cloudy, f. Sun-shine. N.  
 XXIII. Cldy m. N.  
 XXIV. Clear, cloudy, windy. N.  
 XXV. Wdy, clds, f. R. n. N.  
 XXVI. Dropping A. L. clear m. p. misty. N.  
 XXVII. Clear m. cldy, rainy. N W.  
 XXVIII. f. frost, clear, cloudy, windy. W.  
 XXIX. Clouds, f. wd, *Rainy at n.* Sly.  
 XXX. Rainy, windy, missing, windy, at n. S W.  
 I. July. Windy, wet, open at n. S W.  
 II. July. Wind, *soaking Rain all day* store. S W.  
 III. Clear, a shower espied N. Ely.  
 IV. Clear m. V. Fair. 12

1661. D. 25. ☽ 12. una cum ☽ &amp; ♀.

- XVIII. Cloudy, fog.  
 XIX. Cloudy 9 m. f. drops. heat. NE. SW.  
 XX. Clear all day, even cloudy, highbliting. Ely.  
 XXI. Wind, cold, H. wd m.  
 XXII. Cloudy, cool m. clear m. p. Ely.  
 XXIII. Cloudy, cool, f. wd ☽ appears, Even cldy.  
 XXIV. Cloudy, cold day, windy gusts, Even cool, close, sometime, lowering warmer. N E.  
 XXV. Cloudy, cold day. N E.  
 XXVI. Cloudy, cold m. & o. hot n. hot p. m. N.  
 XXVII. Fog m. clear, hot day. S W. N W.  
 XXVIII. f. R. m. cldy m. p. Hot day & vesp. N E.  
 XXIX. Cloudy, wind cold, blew mist n. N W.  
 XXX. Cloudy m. p. cool o. N W.  
 I. July. Cloudy, ☽ appear. hot m. p. N W.  
 1669. 22. ☽ II.  
 XV. Heat, f. clds, fog m. wd n. S W.  
 XVI. Heat, clds, overc. 10 p. and probably Lightning at n. Wly.

- XVII. Showr a. L. 3 m. warm, somewhat overc. cool wd n. Wly.  
 XVIII. Warm, cool w. pale mist at n. Wly.  
 XIX. Mist, red w. fair, warm, cooler. N E.  
 XX. Mist, pale mist at n. cool. Nly.  
 XXI. Mist, fair, warm, pale mist n. Nly.  
 XXII. Fog m. fair, fog increased 8 m. hor and dry.  
 XXIII. Mist m. fog 9 m. at ☽ rise, hot, dry, misty m. p.  
 XXIV. Warm, clds gather at o. close n. N E.  
 XXV. close m. fair, cool. N E.  
 XXVI. Fog m. f. thin clds. N.  
 XXVII. Fog m. pale, thick clds, *dry season.* Wly.  
 XX. Fog 4 m. a. m. hot drought, hear, drops 7 p. Ely m. Wly.  
 XXIX. Fog, hot, dry, clouds n  
 XXX. Close, Thunderclap 10 m.

1677. Die 19. ☽ 8.

- XIII. N W. warm, open, overcasting 1 p. overc. 9 p. W. *Indisposition.*  
 XIV. Fair m. cloudy 10 m. pregnant clouds, \* warm N E. Fair a. m. much lowering 2 p. offering 4 p.  
 XV. Heat, drops 6 p. poultry even, and thick in the W. as if Thunder were near. S W. m. p. E. at n.  
 XVI. Floating white clds, warm 9 m. Ely \* but p. m. Wly. vesp. Sly. White clds ride from the N.  
 XVII. Showr 1 m. & a ☽ vrt. close, mist, of. fer, gentle R. 6 fere (☽ occ. at ☽ occ. R. 11 p. hot.  
 XVIII. Wet 2 m. said the Watchman, close R. 2 p. H. wd 3 p. hempen clds. *Light. in NW.* as if near day.  
 XIX. Fair, f. mist, lowering o. clds appear Nly. lower Wly. warm, dry, red clds ☽ occ. wd bright vesp. m. p. Ely clds a N. ad S. 11 p.  
 XX. Fair m. misty cl. 11 m. floring, f. low. ring clds 7 p. clds fly Ely. and wind vari. ous; little Meteor over 12 p.  
 XXI. Mist m. bright, f. mist, brisk wind, grave Meteors near *Pegasus wing* 11 p. heat.  
 XX. Mist, fair, ☽ shine; red 1 p. Heat border clds in W. ☽ occ. hempen clouds; red clds ☽ occ.  
 XXIII. Foggy m. and dry, bright d. wd Ely. ☽ occ. hempen clds many ☽ occ. blond red supper fleec'd clouds ride from the W. 8 p.  
 XXIV. Fog m. clear hempen clouds o. f. little thick clds in S. not discoverable for the mist; hot wd Ely. ☽ occ. the *Heavens round the Horizon lifted with blew*, not cloud, but mist, poultry n.  
 XXV. Mist, fair, poultry, much Lightning in E. N. 10 p. Ely.  
 XXVI. R. at n. Fair, bright, heat, cool, brisk wd, f. lowering, thick clouds riding Nly. 6 p.  
 XXVII. Close 5 m. heat, misty, lightning in S E. in N W. and thunder 9 p. Wly. thunder



der inter 4 & 5 p. Struck two men at Farnborough. Irdispos.

XXVIII. Cloudy m. p. ante 8 m. cloudy and cool Nly; clearing, warm p. m. Ely. Sly. Wly. Showr at Deptford o. 2 p. ½ seems great in the Perigee.

## August.

1664. Aug. 31. m 18.

XXIII. Open, misty, cloudy, dry. N W. N E.

XXIV. XXV. XXVI. Frost, mist, bright, dry, S. S E.

XXVII. Close m. p. S E.

XXVIII. Wind, l. wet m. mist, drizzling. N. S E.

XIX. Wet midn. & a. m. Lightn. 9 p. and R. mist at n. S W.

XXX. Mist, wet m. open m. p. Rain n. S W.

XXXI. Wet m. p. R. hard 10 m. show'es p. m. & 10 p. hot.

I. Sept. Very wet d. drenching drowning day.

II. R. ab n. cloudy, cold m. p. H. wd tot. n. S W.

III. Sharp fr. m. bright a. m. close m. p. Nly.

IV. Misty m. close m. p. Nly.

V. f. rain a. l. close m. fair and cool n. S.

VI. Foggy m. and offering 5 p. S.

VII. R. 4 m. close m. p S. m. N W. p. m.

## August

1672. Aug. 28. m 15.

XVII. R. die tot.

XVIII. Dashing.

XIX. J. M. Thunder and lightning Deptford. R. 5 m. 7 m. Ely.

XX. Hazy m. much lowring 5 p. N E. NW.

XXI. f. wd, frost, smocking Air. N E. NW.

XXII. f. fr. overc, dry. N E.

XXIII. Close, dull, open p. m. N W.

XXIV. Close, troubled Air o. and f. dewing, showres 1 p. Wly. smoaky.

XXV. Close m. f. lowring at n. N. Westerly warm.

XXVI. Close and troubled, warm. Wly.

XXVII. H. wd, dashing and drisle m. p. S W.

XXVIII. Higher wds, drisle 9 m. dash 10 m. N W.

XXIX. H. wd, a. l. & d. tot. R. 7 m. 11 m. S W.

XXX. H. wd, a. l. & d. tot. drisle 7 m. f. drops ☉ occ.

XXXI. Wind and rain a. l. wet p. m. Sly.

I. Sept. Wind, f. rain 2 p. dash 6 p. Wly.

II. H. wd; fair m. p. coasting showre. S W.

III. Aches a. l. & a. m. very cold, windy.

IV. Cold m. fair o. 2 p. showre 6 p. Wly.

V. Cold m. flying Clouds, drisle and wetting o. & 2 p. rough wd. S W.

## August.

1680. ii Aug. 26. m 13.

XIX. Fog, open. Ely.

XX. Close fog, hot, Ely, fair, bright n. f. gusts of Wind and dry. Nly & Ely. S E.

XXI. Gr. early Fog, thin, cloudy Ely. f. wind, warm, bright, blew, mist Vesp. N E.

XXII. Close m. fair 9 m. f. thin clouds fair, dry, fresh winds, mist vesp. ☉ occ. Sly.

XXIII. Close m. fair, fritter-clds 10 m. H. wd 11 m. hot n. p. r. c. hotter than any; stripe clouds vesp. Aches.

XXIV. Close m. very hot, windy, hot, streaked clds, clds coasting S E. Hear, drops. Gr, rain and Thunder circ. midn.

XXV. Open, hot m. Many fleec't clds a sign of Wet; foultry. overcast and black. S. ward. f. R. 6 p. f. showres 8 p. 10 p.

XXVI. Soultury, hot, close m. p. a. m. f. drops open p. m. and clouds vanish; lightning in N E. 9 p. much, though D shine; Meteors 3. 9 p. one cross the Heaven; misty air.

XXVII. Fog m. not very clear, f. misty, hot, thick, angry clouds; cloudy Edward; fair n. Wly. and Ely.

XXVIII. Troubled air 9 m. & drops Ely. wet and Thunder and Lightning 5 m. ( ) in Nadir ) ad ho. 12. merid. very dark all that while; showres p. m. hot n. Ely

Lightning in E. 11 p. though D shine.

XXIX. Close m. f. R. 9 m. 11 m. ante 5 p. ab ☉ occ. & ante 9 p. Sly.

XXX. Fair, clds in Scenes, f. lowring, warm Lightn. n. from a cld or two in the N. Coeks universally ante 5 p.

XXXI. Clouds in Scenes m. warm, calm hempen clouds. H. Tydes noted die 30. 31. clds fly low ☉ occ.

I. Sept. Very cool m. & fog thick: Cobwebs many in one Night; Halo; colour'd 3 m.

II. Fog m. overc. 11 m. f. drops, long Th. ½ occ. in S W. showr after, clds, ride S E. wd E.

Thund. ho. 2. clouds craggy ☉ occ. Lightn. 8 p. 9 p.

III. Halo 2 m. close, cool, open, warm p. m. Nly m. Sly p. m. 6

## September.

1656. Sept. 2. m 20.

XXV. Aug. Wind till 3 m. cold, bright.

XXVI. Overc. a. l. mist, cloudy, fair.

XXVII. H. wd, cloudy, H. wind n.

XXVIII. windy, cloudy, clear, warm, blew mist.

XXIX.

- XXX. Close m. clear m. p.  
 I. Sept. Close, f. wd, cool showres; clear n.  
 II. Close m. p. cool wd.  
 III. Close, cold.  
 IV. Overc. 8 m. wind and lowering o.  
 V. Thick mist, fleeting clouds, variable wds.  
 VI. Wind rise, overc. blew clds 9 m.  
 VII. Close wd, f. faint blackish clds.  
 VIII. Fair, overc. wd f. shower o. R.  
 IX. Close, fleeting clds; f. wet; flash of  
 Lightn. 10. close, red clds.

## November.

1659. d. 5. 7 3. cum ☿.

- V. Hard wd, sharp frost all n. & d. overc.  
 2 p.  
 VI. Fr. very cold.  
 VII. H. fr. cold, overc. 1 p. h. wd p. m.  
 dark, R. snow 8 p.  
 VIII. Wind all n. snow ante ☉ occ. bright, o-  
 pen wd, snow.  
 IX. Wind 5 m. dark, drifling 10 m. wet 1 p.  
 R. 6 p.  
 X. f. wet p. m. R. n. Lightn. Floud.  
 XI. Fair, warm, cool at n.  
 XII. Very cold fr. gentle R. a ☉ ad 2 p.  
 XIII. Very hard fr. overc. 3 p. misty 9 p.  
 XIV. Wd close, drifling 9 m. H. wd a. warm;  
 f. wet.  
 XV. Wind all n. warm, fleeting clouds; red  
 vesp.  
 XVI. Fair still.  
 XVII. Drifling, warm rain all d.  
 XVIII. Fair, fr.  
 XIX. Fog, fr.  
 XX. Fr. fog all day.  
 XXI. Fr. fog all d. very great fog.  
 XXII. Fair d. fog n. fr.  
 XXIII. Fr. and fog.  
 XXIV. Muddy dark m. fair p. m.  
 XXV. Sun shine, fast, wd.  
 1667. d. 4. 7 1.  
 IV. H. wind all n. & d. cold, wetting.  
 V. Wd a. L. f. wetting m. & o. wind at n.  
 VI. Close m. p. cold; open 9 p. and unusual  
 clouds in furrows.  
 VII. Mild, close, very misty air.  
 VIII. Warm, close, misting 9 p.  
 IX. Mist, close, open p. m.  
 X. Fr. fair d. f. mist m.  
 XI. H. fr. fog all d.  
 XII. Fr. fog, thaw; wd and snow at n.  
 XIII. Fr. wd a. L. f. snow, close, cold wd.  
 XIV. Dark wind m. f. mist, close.  
 XV. Mist, close, mild, cold wd n.  
 VI. Dark m. and f. mist, cold wd.  
 XVII. Mist, cold wds, drifling at n.  
 XVIII. Mist, wetting a. m. Snow p. m. p.  
 wind and great Snow.  
 XIX. H. wd a. L. fr. snow lying; thaw p. m.  
 wd close p. m.  
 XX. R. m. mist, warm, close, open p. m.

## November.

1675. Nov. 10. m 28

- II. Fog, close m. p. f. mist 10 p. white frost  
 m. Nly.  
 III. Fog. R. 6 m. 5 p. Nly.  
 IV. H. winds 6 m. shower 6 m.  
 V. Windy, very cold, sharp, drying Nly  
 white frost m.  
 VI. Terrible frost, ice.  
 VII. Fog, fr. fair.  
 VIII. Fog, fr. thaw p. m.  
 IX. f. mist, R. 10 m. mistle 3 p.  
 X. Close, warm, h. wd, rain 5 p.  
 XI. Drifling m. p. very warm; f. wetting a.  
 Wly.  
 XII. Close.  
 XIII. Close, warm n. f. mistle 10 p.  
 XIV. Mist, fr. m. open, mistle 7 p. Wly.  
 XV. Mist, close Ely. colder.  
 XVI. N W. Fair m. p. cool mist, wdy.  
 XVII. Cool, drying, cloudy, shower 8 p. wind  
 Nly.  
 XVIII. W. Fog, cool, R. 9 p. Nly.  
 XIX. S W. Fr. cloudy m. p. cool Hail  
 Tanbr. 23  
 83. 26 D. 8. m 26.  
 XXX. Q. H. i. H. wd 4. L. fair. N W.  
 XXXI. Temperate, cloudy; H. wd 10 p. Sly.  
 I. New. Wind R. 5 m. flying clds; H. wind  
 D h 4 in 8 & 12. Wly.  
 II. Fr. cold, suspic. 2 p. in N W. wd Nly.  
 III. f. r. a. L. cold and lowering clouds. NW.  
 IV. Pouring R. 5 m. H. wd, heavy air,  
 R. 4 p. H. wd 10 p. drille. S W.  
 V. H. wind and R. 5 m. H. a. m. H. wind  
 and cold p. m. Wly. some Swedish ships  
 cast away. Relat. extr.  
 VI. Fair, cold, H. wd, few flying clouds. NW.  
 VII. Frosty d. fair, calm, Aches. Nly.  
 VIII. Fr. Fog, R. ante 9 m. drifling m. p. f. m.  
 warm vesp.  
 IX. f. rain circa midn. close p. m. Wly.  
 X. Drille, m. pleasant P. wind. W.  
 XI. Fog m. f. fr. cloudy p. m. cold wd Nly. &  
 W.  
 XII. Fair, averc. n. H. wd, H. wd, H. wd. Sly.  
 XIII. Close, cool, fog. H. wd, H. wd. Sly.  
 XIV. Cloudy, moist, wd. H. wd, H. wd. Wly.  
 XV. Foggy d. wetting 8 m. 11 m. Wly.  
 XVI. Gr. fog a. m. fair p. m. cold vesp. Wly.  
 Ely.  
 XVI. XVII. XIX. Frosty, fog, close. Ely.

## April.

1682. Apr. 10. 8 O.

- I. Circa Apr. initium, divers trees blasted. SW  
 some wd, open p. m. temperate. Ely.  
 II. R. winds rise 10 m. 4 or cold wind; lo-  
 ring vesp. Ely.  
 III. Cloudy, cold, some gusts. Nly.  
 I E.  
 V.

IV. f. rain *ante* L. & m. mist, cold. Ely. N E.  
 V. Close, misty, temperate N E. at n. Wly.  
 VI. Warm, fair clouds, contrary 9 m. Wly.  
 at n. Ely.  
 VII. Fog, cloudy, warm. Sly. Ely. and very  
 foggy *vesp.* gust of wd  $\searrow$  rise; *Delphin*  
*occ.*  
 VIII. Very cold, fog m. overc. foggy m. p.  
 Wly. but at n. Ely.  
 IX. Cloudy, misty; H. wd and gentle show-  
 ring *ante* 4 p. Sly.  
 X. Windy, showr 10 m. Sly.  
 XI. Windy, wetting 9 m. rain *ad* 9 p. Wly.  
 XII. Showr 10 m.  $\frac{1}{2}$  or. *ante* 3 p. & 4 p. ♀  
*occ.*  $\frac{1}{4}$  in M. C.

XIII. Bright a. m. Clouds bordering in the W.  
 H. wd, cloudy p. m. with rain 10 p. fog  $\odot$   
*occ.* Sly.  
 XIV. H. wind and Rain m. & a. m. cldy p. m.  
 SW. f. stript clds. Wly.  
 XV. Clouds in Scenes; a showr a. m. & *ante*  
 2 p. Sly m. Wly p. m.  
 XVI. Gros fog m. close and foggy a  $\odot$  *occ.*  
 dash of R. *usque ad* 9 p. Ely m. Wly p. m.  
 XVII. Clouds in Scenes, f. rain *ante* or right p.  
 m. Wly.  
 XVIII. R. 9 m. & *alias*. R. *vesp.* & 9 p.  $\searrow$   
 opposed  $\frac{1}{2}$  near *Delphin*. SW.

## Table Retrograde. ♂ ♀

Per intervall. Grad. 3.

§ 5.

January.

1667. 26 30  $\approx$  20.XXVIII. Fr. mild, close p. m. f. gentle wet-  
 ting 9 p. S W.XXIX. Fog falls 9 m. f. rain o. heavy clouds.  
 Ely.XXX. H. wd b. d. and *all day*, close, cold; fo  
 at n. N. Ely.

XXXI. Cold, close, windy.

1675. Die 27.  $\approx$  18.XXVI. Open, warm, fair. S W. *Tonbridge. Ha.*  
 lo  $\searrow$ . S W.XXVII. S E. Fr. mist m. windy, fair. E. qn.  
 at n. Wly.XXVIII. S E. Misty, close, warm, lowring n.  
*Tonbr. Halo*  $\searrow$  Aches.XXIX. SW. Very b. wind and rain a. L. *stor-*  
*my wd all d.*1683. 24  $\approx$  15.XXIII. Fog, cloudy m. p. H. and cold wind.  
 N E. Aches.XXIV. Fog, frosty, fair, sharp wd. Audible  
 at n. Aches. N E.

XXV. Fr. fog, thaw m. cold Aches. N E.

XXVI. Frosty, foggy, Fair wd. N E.

February.

1659. 20 1  $\approx$  23.

XXXI. Jan. Fair, cold, f. Fr. R. n.

I. Feb. Gentle warm R.

II. III. Very fair, Fr. n.

April.

1654. 11 16.  $\approx$  6.

XIV. Misty and drifling m. warm wind. SW.

XV. Fair and warm; f. clds  $\odot$  *occ.* S.

XVI. Fair, dry, hot, cool wd. S. SW.

XVII. Showrs often, R. warm rain at Bedtime.  
 S.

XVIII. Warm n. f. showrs; R. some store. S.

April.

1662. 14  $\approx$  4.

XII. Close, warm. S. SW. Ely.

XIII. White clds m. fair, warm, E. SE.

XIV. Fog 6 m. close m. p. hot, f. misting. E.

XV.  $\odot$  sh. Wetting 11 m. 2 p. 6 m. SW.1678. 11.  $\approx$  1.IX. Warm, f. showres 1 p. Sly. fleec't clouds  
 m. wet 11 m. *sub vesp.* &c.X. Wetting 9 m. wetting m. p. wd audible at n.  
 S.XI. Fair, wd'y, coldish, showr  $\odot$  *occ.* & 10 p.  
 S E.XII. Close, H. wd, clouds in Scenes, but cold  
 and dry; *Centaur's head* bright.

XIII. Cold.

XIV. Not a cloud in Sky. 15

1678. Die 9. V 29.

VIII. R. a. L. Showry 1 p. Hail 5 p. and rain  
 clouds contrary 7 p. Wly. Sly, Nly. Frost m.IX. Mist m. seemed a frost; coasting showres  
 & wind 1 p. fo 3 p. various wd. *Indispos.*  
 Wly.



X. Mist, open, clds fly N. and S. wind Ely.  
fine day, but lowering Westward; cool clds  
ride contrary. Nly. cold n. Wly 7 p. dew-  
ing 7. o. Ely.  
XI. R. 9 m. & m. p. m. p. a. m. fair p. m. mi-  
sty. Nly.

## June.

1657. 25. & 13.  
XXIII. Mist m. bright, hot, mist at n. NW.  
Ground mist at n.  
XXIV. Excessive hot, bright, blew, mist. SW.  
XXV. Hot, cooler wd, f. clds o. f. overc. clear  
a bright Meteor. SW.  
XXVI. Cool, *showring a. m.* winds open. SW.  
1665. 22. & 11. 28  
XXI. Close, very hot. Ely. H. wd and cool.  
S W. at n. Ely.  
XXII. Lowering m. a shower 8 m. open, hot m.  
and misty. SW.  
XXIII. Fair m. coasting showre 1 p. cloudy,  
hot. SW.  
Clouds in Scenes, and ride contrary.  
XXIV. Fair, cldy, coasting showre 3 p. & ☉  
occ. S W.  
30

## August.

1668. 22. 31. 91.  
XXX. White clouds, a shower. NW. Ely.  
XXXI. Frost, mist, white clds a Showr. Ely.  
1 Sept. f. mist and clds; bright m. frost, cold.  
NW.  
12 Frost, cold, close, misty, cool wd. Wly.

## June.

1673. 18. & 9.  
XXVIII. R. 5 m. & a. m. Nly. bar p. m. Sly.  
showr 4 p. 11. 11.  
XXIX. R. 5 m. windy, wetting 1 p. NW.  
XX. Bright, cloudy o. lowering 4 p. NW.  
XXI. Wetting 7 m. & 9 m. fair, overc. n. Sly.  
XXII. Windy, wetting Sly. Clouds in Scenes.  
Sly. Indisposir.  
XXIII. Harwich R. Thunder &c. m. a. Spout.  
1676. 29. 16.  
XXVIII. Showr 8 m. and f. showr o. 2 p.  
Dash, rain 7 p. R. and H. wd 9 p. SW.  
Aches Epilepsy.  
XXIX. Cold, bright, pregn. clouds; H. wd,  
Aches extream. NW.  
XXX. Fair, cool, f. clouding 3 p. Wly. Aches  
gr. showr at Bromly. Wly.  
XXXI. Misty, lowering 11 m. Aches.

## September.

1652. 5. 22.  
IV. f. wd, *showrs*; fo at n. NW.  
V. Cloudy, windy, fo at n. NW.  
VI. Fair, windy. NW.  
VII. Fair, calm. NW.  
1660. Die 3. 21.  
I. Fair, but rain at n.  
II. III. Very fair, frost n.  
IV. Hot; *drifling* and foultry R. NW.  
V. R. drifling, hot, fair, p. m.

## November.

1655. 19. 7. 6  
XVII. Close, warm, hot. SW.  
XVIII. Clouds, warm, opening vesp. SW.  
XIX. Frost, warm, fair, wd, fair. NW.  
XX. H. wd a. l. & all day; driving wet. NW.  
XXI. H. wd all n. calm ☉ ort. eldy, f. snow. NW.  
1671. Die 14. 2.  
XIII. Fair. NW. fog n. Aches die *prae*. H. wd.  
Two Ships lost at Tarmouth.  
XIV. Wind and snow a m. shaw and warmer,  
wd, foggy air. SW.  
XV. Foggy air, close drille 10 p. wd. Wly.  
XVI. Wet a. l. & m. close, very warm. Wly.  
1679. 15. m 29.  
IX. R. a. l. after snow; cold, brisk wd. NW.  
X. Very hard frost, snow a. l. mist, f. rain a.  
2 p. foggy vesp. Wly.  
XI. Very great fog, close, f. frost, open, sharp  
wd. NW.  
XII. Fog, very hard white frost; close m. p.  
warmer. Wly.  
XIII. Nly. Open, fog, black frost; fair and  
froty. Nly. sharp wd.

## August.

1684. 27. 14.  
XXV. R. fore m. & m. p. Nly. & Ely.  
XXVI. Angry clds p. m. set to rain 10 p. &c.  
XXVII. R. a. L. cold, windy, very cold vesp.  
XXVIII. Close, wetting, fine p. m. Wly.  
XXIX. Drifling showres p. m. S W.

June.

1681. Die 18.  $\S$  6.XVI. Cloudy, sometime lowring wind. N W.  
Several Dolphins sporting in the mouth of  
Severn.

XVII. Lowring m. p. mist at n. per N W.

At Ferrara an Earthquake swallowed up  
Trees Five Mile. So at Lions in France.

XVIII. White frost, clear most part, wds. N E.

XIX. Clouds in Scenes, some drisle 7 p. Mete-  
or with a train 9 p. A tempest of Lightning  
and R: 3 Leagues from Lyme.

$\S$  6. I acknowledge the Table hath its Length, but if it be consider'd what the experience of 30 years is for such an Aspect as  $\delta \odot \varphi$ , the Table should be look'd on as a *Cimelium* rather, than a surfeiting *Superfluity*. Alas! I wisht it longer, for he that shall survey the Table, will find that there are 4 or 5 Months wanting, it requires almost another 30 years.

And let no man be grieved here that we have allowed too many days, 13. or 14. towards the Verge of our Aspect; not so much for security sake, in case of a *defective* Calculation, which in  $\varphi$ , it seems, is not controverted: But for the more sure comprehension of those Effects, which by *clear right* belong to the Aspect, though at the Distance of two degrees, since the Aspect challenges 7 days to it self, even while they are close among themselves in the same degree.

$\S$  7. As to the Warmth of this Aspect, when we have met with days of Soultry Heat, not seldom accompanied with Lightning and Thunder: They, who weigh those Effects, and the determinate time of their appearance, will find (forgetting all foolish conceits) our Feminine Planet to be Masculine so far, to be a Virago, partaking of Pallas, the *Flashing Fiery Goddess*.

$\S$  8. Thus is she a Friend to Warmth, but so, as sometimes you see, to Cold. Not as the Toy takes her; how then should we comprehend her Fickleness? Or bring it under Rule? But according as she is attended, or *abandon'd* by the rest of the Company. 'Tis no News that the same Planet, under various Circumstances, should *cause* Heat, and *admit*, yea, and in some measure *acute* Cold. The  $\delta \odot \gamma$ , the  $\delta \odot \varphi$  did so. For we cannot dissemble that in the year 1663. we find *Extream Frost* for 13 days together, even through the whole Period almost; but we may note, that 'tis not there alone, but generally all Conjunctions *as such*, in some respect favour Cold. Even the  $\delta \odot \varphi$  it self. How so? I answer, not as 'tis congress of Luminous and Calorifique Bodies, since 'tis impossible but Heat should be intended and increased by such Union; but because in all Conjunctions there is a Co-arctation or Reduction of the Luminary to precise Points and Distances, which 'tis certain may and do act more at a less confinement in the *Illumination* of the *Medium*; no man to enlighten a fair Room will set the *Tapers contiguous*, but will *distribute* them at a certain and *proportionable* Measure. The *Medium* being more *enlightened* by such distribution, than when the Luminous Bodies are contiguous. Well may some part of the Room have a Light more than ordinary, but the whole *Area* shall be *darkish*. Just as two Seed-men in a Field, that sow more ground at convenient distance, than if they walked together in the same Furrow. The *Partile Congress* of Two Calorifick Bodies doth *increase*, and also abate heat, under several considerations. It increases it as to the *point*, it abates it as to the *Circumference*, it increases it as to the proper place, it abates it as to the *Common*; for the Congress is Lineal, wherein the Planets so meeting, are united, ('tis true) but they are constrained and restrained to a precise point, a narrow apartment, whereby the remoter parts being forsaken by that Influence, which ere-

erewhile spread it self there, is left cold, naked and bare of that Influence which was more diffusive, when they were at distance not unreasonable.

§ 9. For the Sentiments of the Antients, what do they declare when *Venus* is in Dominion? Then saith *Ptolemy*, she makes a fine temperate Air  $\delta$   $\odot$   $\varphi$   $\delta$   $\alpha\pi\rho$   $\epsilon\upsilon\alpha\gamma\epsilon\sigma\tau\epsilon\varsigma$   $\chi\epsilon\iota\mu\alpha\tau\epsilon\varsigma$   $\chi\epsilon\iota\mu\alpha\tau\epsilon\varsigma$ , Pure and Fair. She brings also many and Fruitful Showres,  $\delta\mu\beta\epsilon\varsigma\iota$   $\pi\omicron\lambda\lambda\omicron\iota$   $\chi\epsilon$   $\gamma\omicron\nu\iota\mu\omicron\iota$ , Raising, saith he, the Waters: Next, a windy Constitution with those showres,  $\pi\upsilon\delta\mu\alpha\tau\omicron\nu$   $\epsilon\kappa\tau\alpha\sigma\mu\omicron\varsigma$   $\upsilon\gamma\epsilon\gamma\eta\tau\iota\kappa\epsilon\iota$ , he adds also  $\chi\epsilon$   $\delta\epsilon\epsilon\tau\iota\kappa\epsilon\iota$ , the Star must be fruitful, if she be  $\upsilon\gamma\epsilon\gamma\eta\tau\iota\kappa\epsilon\iota$ , she must be  $\delta\epsilon\epsilon\tau\iota\kappa\epsilon\iota$ . The *Arabs* agree for all I see; *Albumazar* and his *Mamareth*, (which I suspect to be the Dominion) is much for Rain, and that in store,  $\delta\mu\beta\epsilon\varsigma\iota$   $\pi\omicron\lambda\lambda\omicron\iota$ , as *Ptolemy* calls it, very often. For next to the  $\delta$  our *Venus* is reckoned moist, and therefore *Benifique*, because moist. *Tetrab. c. 5.* and therefore again *Feminine* (he saith) because moist. *Cap. 6.* That's their reason.

§ 10. For the First of these, that  $\varphi$  makes a fine Air, I thought it had bin a forced illusion to the Beauty of the Planet, wherein the Fiction of *Venus Aurea*, and  $\phi\iota\sigma\mu\epsilon\delta\eta\varsigma$ , must have bin glanced at: But when on a review I cast my Eye on the Diary, I saw there was no Poetical Fiction in the case. Our  $\delta$   $\odot$   $\varphi$  oft-times makes a bright Air, and clear, as her Hue pretends. Nor will we stand to Imagine any probable reason thereof but this, that what causes the one, that may be the Author of the Other: The Intrinsic brightness of the Planet may perfume the Air with a suitable Gleam. This may appear not only in the bright days, or parts of days, which are found under her, whether Hot, or cold frosty Constitutions, but even where some wet may happen. For how clear is the Air many times (except perhaps in Winter) how *Holiday-like* I say, doth it look, when yet a showre may step in, and muffle the azure mirror? In like manner, after a morning, Foggy though it be, may prove a clear and bright day, when the sullen Fog may skulk here and there in its scatter'd Atoms, apaling the brightness which at other times may be more vivid. I shall not stand much upon this, only produce one notable Testimony mentioned in the Diary, where I was never able to see in our City Horison, the *Centaur's* Head but once, and that you see is on our  $\delta$  of  $\odot$  and  $\varphi$ .

§ 11. For what follows in *Ptolemy* we are ready to prove as to Showres and Dropping. She brought Rain in above 200 Instances, and that will do. And Rain or Snow, all, or most part of the day, neer 40 times. Once or Twice she continues the Fog all day; even therein shewing her Partnership with the Sun, and how true she keeps to him; so that if under a  $\delta$  of  $\odot$  and  $\varphi$ , or  $\delta$   $\odot$   $\varphi$  you will plead, you can find the like; I answer, Nay: For if I find our  $\delta$  of  $\odot$  and  $\varphi$  in any reasonable Capacity acting at the same time, To our Beauteous Conjunction will I ascribe the Continuance; as perhaps we may find the like in some after Aspects, who are of as slow a Motion.

§ 12. On this account it is that we often times see Clouds as in several Stories, *Losses* or *Scenes*, one over another. I do not fix them on this Aspect only, but specially I do; such Contignations of the Clouds do shew that store of Rain is falling, or ready to fall. In all dire Tempests we may find such Bay of Buildings in the Regions above, which when they fall on our Heads, make a *Ruina Celi*; the First Heaven doth often tumble upon our Heads: And in Loud Thunder these several Stories, no doubt, heighten the violence of the Eruption, and helps to strike the Lightning downward, which otherwise would fly as innocently as a soft silent Night-Flame, sudden or shooting in the Hush't Night.

§ 13. For High Winds, whereof *Ptolemy* makes mention, we have a competent Number, which occur both in the Direct Conjunction and Retrograde. I observe he doth not stick to attribute Winds to  $\varphi$ , though he hath



hath ascribed the same to ♀ before. All that we shall say is, and no body will perhaps, gainsay us, that there is reason why ♀ should be reputed of a *more* windy Influence than his Neighbour Planet, because of his Vicinity, yea, and those *more often* Congresses with the Sun: but notwithstanding this, we shall see to be Truth, that many times ♀ hath her Influence, and *no small* Influence on many Tempests, of which ♀ carries away the Name.

§ 14. What more remains will come under the more Platique Consideration of this Aspect, whose Grandure will not be conspicuous, except we enter into a larger Field, being not unwilling herein to spare our pains. Here I find the *Arabs, Summ. Anglican.* speak of 12. degrees, others of 15. which I must needs say is founded on Experience, as hath bin shewn in part already in ♀. Nay, some speak of the same Sign, but of That we say little till we come to the Superiours. At present we shall produce no Evidences but what comes within Compass of the first Moiety of the Sign, the 15. degree, and all on this side of it.

§ 15. But we have not done our best for our *Moisture* yet;

Thus then, notwithstanding we have said that 13. or 14 days produced for every Aspect in the Direct Table is a Prejudice to our accounts, yet even so our *Moist* Days in the Table out-vie the Moiety of the Total. This in the *Direct*; but in the *Retrograde*, which consists but of 3 days, what is the Issue? What? But this, that there is scarce one Aspect under that Stile, but what finds us with Rain or Moisture; *Once*, if not *Twice* within the *Triduum*. And if so, pray remember us to *Gassendus*; the reason we will tell you, that in this Case, *i. e.* when *Venus* is *Retrograde*, *Venus* is *nearer* us than *Mercury* it self, So doth *Astrology* demonstrate.

§ 16. Let the Reader favour me so, as to glance on these days following; and then recur to the Table. First,

### Direct.

January.  
1679. die 22.  
February.  
1655. die 5. 8.  
April.  
1658. die 17, 18, 24.  
1666. die 9, 11, 13, 14, 17.  
1682. die 16.  
June.  
1653. die 21, 26, 29, 30.  
1677. die 17.  
July.  
1653. die  
August.  
1664. die 29.  
1672. die 20, 28, 31. & Sept. 1. 16.  
1656. die Septembr.  
November 8.  
1659. die 9, 10.  
1683. die 1, 4, 8.

January.  
1671. die 28. Feb. 17. 18.  
1655. die 26. & Feb. 3.  
1679. die 16. 23, 24.  
February.  
1655. die 2.  
April.  
1658. die 21. 23.  
1666. die 8. 13. 16.  
1674. die 15. 21, 22.  
1682. die 14.  
July.  
1653. die 2.  
August.  
1664. die 31. Sept. 1, 2.  
1672. die 17, 27, 29, 31.  
November.  
1650. die 16.  
1667. die 4. 18.  
1682. die 8.

§ 17. I have read somewhat of the *Treasures* of *Rain, Hail, Snow*, and so have you; Good Reader, if you please, I will shew you one of them, the ☿ ☿ ♀ is one of those Store-Houses; for the First Columnne of the Table presents you with *Store of Rain*, according as was noted by *Ptolemy*. The 2d. with

Rain for a considerable part of the day, yea, *All the Day long*, an Effect I wis, of some Consequence to be regarded by all those who believe a *Providence*, and *Convincing* all those who believe it not. For lo, on such an Aspect precisely those Gluts of Rain do fall. See the same from *Keplers* Table also ready to be produced, least any should say, 'tis meerly Casual; no, 'tis not so, but it would perhaps never have bin discover'd, but by our Method of enlarging our Aspect to a Fortnight, or thereabout. But how? That's the Question, if it were an Apple we spoke of, the Fairest yields most Moisture: But is it so amongst the *Stars*? I thought once to dispatch it thus; that the Planets *not Warmth* only, but its *Motion* also is to be consider'd. Upon the Account of Warmth she is a Friend to Rain: Upon the account of her Motion, she keeps even pace with her Sun, as it were, to justifie and maintain the Constitution put up. For all *Constitutions* are interrupted by the *Separations* of the *Causés*, which help to produce them, unless when *equivalent* Causés succeed. These Causés are not separated so soon, where the Motion is *equal*, as in our Aspect is found; *Continued Rains* are not found therefore so frequent in  $\delta \odot \varphi$ , because  $\varphi$  by his swifter Motion bids adieu to the  $\odot$ , as  $\delta$  also doth, with a Motion much swifter. That this is the Reason, appears, because these Rains, whose duration last an *entire* day, are found mostly in the Direct motion of our Planet under this Aspect, where this equality holds. In the *Retrograde*, where the Sun and She moving to contrary Terms, are suddenly parted; we see no such Constitution happens. With what justice now shall a genuine *Astrology* be counted a vain *Pretence*, when 'tis even demonstrative, when it renders a reason of an Effect not contemptible, *a priori*? Making as good Demonstrations, why Rains when they *once Catch*, are apt to last by the equal motion of the Planets, as there is *Demonstration* of a *Lunar Eclipse* by the Earths interposition.

§ 18. There are some little *Curiosities*, that if they *deserve* not our regard, yet perhaps, may be *above* our *Contempt*.

§ 19. First, Concerning the Clouds, of which there appears these differences, *Flaxen* Clouds, *Fleec'd* Clouds, some which I call *Fritter* Clouds, all from their likeness, other *Striped* or *Streaked* Clouds, lying in strange *Furrows* as it were. I have reason to think these belong to the Aspect, because they are found all of them within the interval of three degrees, and yet according to the general Nature of Clouds, so diversified. Compare this with Clouds in their *Lofts* or *Consignations*, These are abatements of that Fulness. Now all abatements do spring from the subtraction of the Cause, as in the *Striped* Cloud, which is remarkable as sometime to reach *from one* end of the Heaven to the other, somewhat *difficult* to explain as yet, having advanced not much in our Theory, but *feasible* it is, being certain (to the Glory of Providence be it spoken) that there is no *appearance* in Heaven without its Cause.

§ 20. The next is, clouds riding *contrary*, contrary I say to the Wind, or contrary to one another. *Who sends* them, trow you, of such *different* Errands? It is *not* the same Wind drives the Clouds; howbeit, the Seaman has advanced so far, to make his way to contrary points by the same gale. I used to compare it to the *turn* of the *Young Flood* at the side of the River, when the main Stream runs to *Ebb*. This contrariety happens in *several Apartments* of the Air, *Secundum sub & supra*, and 'tis caused by a *new Aspect* superinduced to the *Prior*, *Senior*, standing Aspect. Upon the same account, as 'tis usual for the Wind to *veer* about against a Storm, and when the storm is done; to return to its *old* Corner. And upon this account it may be what some say, that *Clouds coming against Wind* are a *sign* of a *Storm*, or *Thunder*, and the like. The Cause is different as in the Waters, 'tis *Young Flood* by the redundant Ocean. The River ebbs by the Proneness of its Streams; this is more seen in our Aspect perhaps than another, because of its duration; the

the longer the day Term is, the more frequent are its Vicissitudes.

§ 21. As to *Blushing Clouds* observable Even and Morn. All such *Tin-Flare* is known to proceed from a  $\delta$  of some fair Planet  $\gamma$   $\mu$   $\nu$ , &c. with the Sun. The Sun illustrates the Vapor, the *Reflex tinges* it deeper; so in *Sounds* we may distinguish: a Musket in the open Field makes but an *half report*, compared with that rousing *Bounce* it gives in a Publick Street, where every Wall *reflects* and doubles the noise. Say much the same of *Ides, Halo's*, &c.

§ 22. But  $\nu$ 's inclination to Mist should not have been passed by. It seems to be more than a Curiosity, when we shall number Fifty *Fogs*, and some Roping *Fila*, besides thinner mistiness. Mist and Fog we willingly refer to  $\mu$ ; *Venus* and  $\mu$  are somewhat alike in hue; if that will argue any thing; but if their properties be different, as we shall see in  $\mu$ , so there may be difference in the Fog for all as I know. 'Tis a Curiosity for the *Hygrometer* to explore. A blew smoaky Mist is clearly of a deeper Complexion than of a pale, whence those few that occur here are imputable to some mixture,  $\mu$  beside other contribute also, which when they are peached, will answer. And so much for our Partile Aspect, but alas! We have not done.

§ 23. We have said that the Latitude or *Amplitude* of the Aspects are not *commentitious*, and nothing is more reasonable. For if two Agents united in a Central Union can get a Name, why should they not be thought to be operative at a convenient distance, whether *antecedent* that Union, or *Consequent*? Great is the Sphear of the Planetary *Activity* downwards toward the Sublunary World. Have they no Activity *East*, or *Westward*? They *must* have, for we speak of a Sphear, not of a Line of Activity: Light and Heat throws it self round to all parts of the Circumference, whereof the Luminous Body is the Centre. The greatest Patrons of a Partile Aspect will not make themselves so ridiculous as to disown our Effect (if notable and awaking) though it happens 40. Hours before and after. But this cannot be but by an antedated Union: Their *Spheres* of Activity are *co-incident* before the perfect Union. Suppose then *Sol* and *Venus*, for example, shed their Influence at gr. 12, 10, 8. distance: 'Tis but making the Sphere of each to reach half way, to gr. 6, 5 or 4. Now I will appeal to Experience, which every Man may try, who is Master of any *Diary*, whether  $\odot$  and  $\nu$  do not operate at 6, 8, 10, 12 gr. distance, (I go not further) as *often*; as *Not*? As *often*, I had almost said as at gr. 2. gr. 1. or the Central  $\delta$ , I am sure as Powerfully. For *not all* stupendious *Effects* hap at a Central  $\delta$ . There are distributions in Nature more remote, which will equal those nearer Configurations. Wherefore to gr. 12. distance do we bring a Parcel of *Keplers* Observation, and the distances noted, that the Reader may see what we offer. 'Tis true, he will find there (perhaps) *Three Months* swallowed up in the width of this overstretch't Observation. But why must *Astrology* be confined to a Megre Aspect of *One* or *Two*, in lieu of *Thirty Days*? While all the rest of the following Month lies Fallow. Is it worth the while? Who will study such *Astrology*? 'Tis like searching in *Tin-Mines* for *Silver*; some may be found there, but not so much as answers the Pains. No, No, the Vein of true Science is richer, and can pronounce for most days as well, as for *One* or *Two*, when *All* is rightly observed: I confess 'tis a great *All*, and part of that is Observation of the Distances of  $\odot$   $\nu$  and  $\gamma$ : The Benefit of this will be confessed, when we shall offer from the Premises some Light toward, not only the Production of an Effect, but also the *Duration*. As of a wet *Time*, a stormy *Season* suppose, a *Comet*, or *Earthquake*, which sometimes last a *Month*, a *Fortnight*, sometimes two; shall I give an example, Mr. *Cavendish* tells us that there fell many furious Storms from *March 6. to April 8.* Now in the year 1591.  $\odot$   $\nu$  lasted the whole Month, and at *April 8.* lay but at gr. 10. distance. *Hackluit Vol. 3.* what out-strips the said terms must



must be accounted for, otherwise: Let not therefore in our following Table the degrees only, but the days also, be noted. For what if some little *Hyatus* appears? In 1621, when the Numbers run on this close Order, May 23, 24, 25, 27, 29. June 4, 8, 9, 80, 12, 13, 14, &c. Least any should say we have mentioned only those days which serve our turn, when those which are not mentioned are far inferiour in Number: Well, what kind of Weather have we in the Diary? Rain, Thunder, and that gr. 6, 7, 8, 9, 10, &c. as well as about the Central  $\delta$ . Rain some store, gr. 12. An. 1617. R. Thunder and Rain gr. 12. An. 1621. Dir. Chasmes, Lightning, gr. 12. An. 1623. Dec. 24 & 27. Thunder, Rain, R. An. 1622. Again gr. 12. April 2. Dir. An. 1633. Winds, Rain, gr. 12. Nov. 21. An. 1622. Snow for 3 or 4 days, gr. 11, 12. Dec. 6. An. 1623. R. H. Winds, Rain, gr. 11, 12. An. 1634. Dir. Showres, June 16. An. 1625. R. March 11. Rain, gr. 12. Thunder, Rain, Jun. 7. An. 1626. Dir.

§ 25. The account from Kepler, under both Characters of the Retrograde and Direct.

## An. 1617. R.

June 28. Rain some store.	gr. 12.
29. Thunder and R. at N.	gr. 11.
July 1. Thunder and Storms.	gr. 9.
4. Rain.	gr. 4.
6. Heat and Chasme.	gr. 1.
7. Heat, Lightning.	
8. Heat, Thunder.	gr. 2.
9. Rain, Winds.	gr. 4.
10, 11. Rain abundance.	gr. 6.
12. Rain again.	gr. 9.
13. Wet day.	gr. 10.
14. Showry.	gr. 12.

## Anno 1621. Dir.

May, 23, 24. Heat, Thund. Rain.	gr. 12.
25. Squalor.	gr. 11.
27. Showrs.	gr. 11.
29. Hail.	gr. 10.
June, 4. Some Rain, Heat.	gr. 9.
8. Heat, Thunder.	gr. 8.
9. Heat, much Rain.	gr. 8.
10. Whirlwind.	gr. 8.
12, 13, 14. Thunder.	gr. 6.
13. Hail.	
15, 16, 17. Soulttry.	gr. 6.
18. Whirlwind.	gr. 5.
19. Thunder, Rain.	gr. 4.
20. Ratling Tempest.	gr. 4.
21. Heat, Rain.	gr. 4.
24. Windy, Cloudy.	gr. 3.
25, 26. Heat, Notable Showr.	gr. 3.
29, 30. Store of Wet.	gr. 2.
July, 1. Rain.	gr. 2.
5. Smart Showrs.	gr. 0.

6. Showrs, Winds.	gr. 1.
July, 7. Winds.	gr. 1.
9. Tempestuous with Thun.	gr. 1.
13. Soulttry, Iris.	gr. 2.
14. Soulttry, Rain.	
16. Thunder.	gr. 3.
17, 18. Showrs.	gr. 3.
20. Thunder ante 4 Merid.	gr. 6.
24. Rain, Winds.	gr. 6.
29. Rain for 8 days.	gr. 7.
30. Thunder.	gr. 7.
August 3. Rain some store.	gr. 8.
4. Showrs.	
5. Winds.	gr. 8.
8. Rain.	gr. 9.
10, 11. Rainy.	gr. 10.
18. Fog, Lightning.	gr. 11.
19. Much Thund. Rain.	gr. 12.
20. Rain.	gr. 12.

## Anno 1622. R.

April 18. Rain to purpose.	gr. 11.
19. Rain.	gr. 10.
21. Showres with Hail.	gr. 8.
22. Thunder, Showrs.	gr. 6.
23, 24. Rain store at n.	gr. 5.
25. Rain.	gr. 1.
29. Heat, Lightning.	gr. 5.
May 1. Nocte, Thunder, Rain.	gr. 8.
2, 3. Nocte, store of Wet.	gr. 10. 12.
Dir.	
Dec. 13, 14. Chasme and Lightning.	gr. 12.
Fog, Die tot.	
27. Chasmes, warm.	gr. 12.
31. Drifte.	gr. 11.
Anno	

Anno 1623.

Jan. 6. <i>Snow.</i>	gr.	10.
Jan. 7. <i>Warm, Chafme.</i>	gr.	9.
9, 10. <i>Windy, Snow.</i>	gr.	9.
11, 12, 13. <i>Snowy.</i>	gr.	8.
16. <i>Snow.</i>	gr.	7.
29, 30, 31. <i>Winds, Snow.</i>	gr.	4. 3.
29. <i>Cælum ardens.</i>	gr.	4.
Feb. 1. <i>Winds, some Snow.</i>	gr.	3.
2. <i>Some Snow.</i>	gr.	3.
3, 4, 5, 6. <i>Snow.</i>	gr.	2.
13. <i>Snow.</i>	gr.	0.
14, 15. <i>Boisterous winds.</i>	gr.	1.
17. <i>Snow, Rain.</i>	gr.	2.
20. <i>Snow.</i>	gr.	2.
27. <i>Snow.</i>	gr.	4.
March 1. <i>Rain, Snow.</i>	gr.	4.
2. <i>Snow.</i>	gr.	4.
11. <i>Winds and Snow.</i>	gr.	6.
12. <i>Much Snow, Tepor.</i>	gr.	7.
13. <i>Strong West-Winds.</i>	gr.	7.
15. <i>Snow.</i>	gr.	7.
24. <i>Some Rain.</i>	gr.	10.
30. <i>Wind, Rain.</i>	gr.	11.
April 1. <i>Rain at night.</i>	gr.	12.
2. <i>Thunder, Rain.</i>	gr.	12.
Ret.		
Nov. 21. <i>Winds, Rain.</i>	gr.	12.
23. <i>Cold Winds, Snow.</i>	gr.	9.
25. <i>Rain the whole day.</i>	gr.	6.
Dec. 1. <i>Fog whole day.</i>	gr.	3.
2. <i>Snow, Rain.</i>	gr.	5.
6. <i>Snow for 4 days.</i>	gr.	11.

Anno 1624. Dir.

Aug. 2, 3. <i>Some Rain.</i>	gr.	11.
5, 6. <i>Thunder, Rain.</i>	gr.	10.
7, 8. <i>Rain.</i>	gr.	9.
10. <i>Smart Showrs, store.</i>	gr.	9.
12. <i>Flouds.</i>		
13. <i>Tempests, stormy.</i>	gr.	8.
18. <i>Horrible Tempests.</i>	gr.	7.
19. <i>Abundance of Rain.</i>	gr.	7.
Sept. 1. <i>Some Rain.</i>	gr.	2.
2. <i>Smart Showres.</i>	gr.	2.
4. <i>Wet.</i>	gr.	2.
5. <i>Showrs.</i>	gr.	1.
6. <i>Some Rain.</i>	gr.	1.
10, 11, 12. <i>H. Winds.</i>	gr.	1.
13. <i>Rain, store.</i>		
14. <i>Rain.</i>	gr.	1.
Sept. 18. <i>Misty, Rainy.</i>	gr.	2.
20. <i>Rainy.</i>	gr.	2.

21. <i>Some Rain.</i>	gr.	2.
24. <i>Furious West-Winds.</i>	gr.	3.
Octob. 2. <i>High Winds.</i>	gr.	5.
3, 4. <i>Rain.</i>	gr.	6.
5. <i>High Winds.</i>	gr.	6.
7. <i>Rain.</i>	gr.	6.
10. <i>High Winds, Rain.</i>	gr.	7.
11. <i>Some Rain.</i>	gr.	8.
16, 17. <i>Windy.</i>	gr.	9.
21. <i>Windy, Rainy.</i>	gr.	10.
22. <i>High Winds.</i>	gr.	10.
26, 27. <i>High Winds.</i>	gr.	10. 11.

Anno 1625. R.

June 26. <i>Showres.</i>	gr.	12.
July 1. <i>Great Rains.</i>	gr.	4.
6. <i>Tempest, Hail.</i>	gr.	3.
10. <i>Thunder.</i>	gr.	9.
11. <i>Cruel Tempest.</i>	gr.	11.

Anno 1626. R.

March 11. <i>Rain.</i>	gr.	12.
12. <i>Moist.</i>	gr.	11.
20. <i>Great Wind and Rain.</i>	gr.	10.
25, 26. <i>Thunder and Rain.</i>	gr.	11.
27. <i>Wind and Rain.</i>	gr.	8.
28. <i>Thunder and Showres.</i>	gr.	8.
29. <i>Much Rain.</i>	gr.	7.
3. <i>Rain.</i>	gr.	6.
4. <i>Rain, Lightning.</i>	gr.	6.
5. <i>Rain.</i>	gr.	6.
8. <i>Some Wet.</i>	gr.	5.
12. <i>Rain.</i>	gr.	4.
13. <i>Nocte, Rain.</i>	gr.	4.
15. <i>Some Wet.</i>	gr.	3.
18. <i>Much Rain.</i>	gr.	3.
19. <i>Rainy.</i>	gr.	2.
24. <i>Angry Clouds.</i>	gr.	0.
27. <i>Ignies cadentes.</i>	gr.	0.
29. <i>Rain.</i>	gr.	1.
30. <i>Rain.</i>	gr.	1.
May 4. <i>Wind, Rain.</i>	gr.	2.
8. <i>Meteor Prodigios.</i>	gr.	4.
12, 13, 14. <i>Thunders.</i>	gr.	4.
15. <i>Rain, windy.</i>	gr.	4.
16. <i>Windy.</i>	gr.	5.
19. <i>Snowy.</i>	gr.	6.
20. <i>Winds.</i>	gr.	7.
May 24. <i>Great Showre.</i>	gr.	8.
31. <i>Lightning, Winds.</i>	gr.	9.
June 1. <i>Rain, Lightning.</i>	gr.	9.
3. <i>Rain at night.</i>	gr.	10.
5. <i>Showr of Rain.</i>	gr.	10.
6. <i>Storms, much Rain.</i>	gr.	10.
7. <i>Thunder, Rain.</i>	gr.	12.
Y y		
9. <i>Much.</i>		

9. Much Rain at night. — gr. 12.

## Anno 1627. R.

Febr. 3. Rain. — gr. 12.  
 5. Stiff Wind and Snowy. gr. 10.  
 6. Wind and Snow. — gr. 8.  
 9. Night Windy and Snow. gr. 4.  
 11. 12. Rain. — gr. 1.  
 13. High Winds and Snowy. gr. 4.  
 16. Snowy. — gr. 8.

## Anno 1627. Dir.

Octob. 8. Dewing. — gr. 12.  
 11. Much Rain. — gr. 11.  
 12. Windy. — gr. 11.  
 15. Rain, Hail, Iris. — gr. 10.  
 18. Halo ☉. — gr. 9.  
 19. Rain. — gr. 9.  
 20. Moist, rainy. — gr. 9.  
 26. Night store of Rain. gr. 7.  
 27. Rain and windy. — gr. 7.  
 28. Rivers high. — gr. 7.  
 29. Snow, Rain, Wind. — gr. 7.  
 Nov. 2. Rain. — gr. 5.  
 3. At Night Rain. — gr. 5.  
 5. Fog continual. — gr. 5.  
 6. Rain day and night. — gr. 4.  
 9. At Night Snow. — gr. 4.  
 12. Halo ☉. — gr. 3.  
 16, 17. Fog continual. — gr. 2.  
 18, 19. Wind. — gr. 2.  
 23, 24, 25. Fog continual. — gr. 1.  
 26. Rain. — gr. 0.  
 27, 28, 29. High Winds, Rainy. — gr. 0.  
 30. Snowy. — gr. 1.  
 Decemb. 1. Rain, Snow, Wind. gr. 1.  
 5. Fog continual. — gr. 2.  
 6. Rain, Wind. — gr. 2.  
 7, 8, 9. Smart Showers often. gr. 3.  
 13. Smart Showers. — gr. 4.  
 14, 15. Winds, Snow, Rain. gr. 5.  
 16. Rousing Winds. — gr. 5.  
 17. Prodigious Hurricane. gr. 5.  
 Decemb. 19. Parelia, Rain, Snow. — gr. 6.  
 21. Showr. — gr. 6.  
 23. Snowy. — gr. 7.  
 24. Rain. — gr. 7.  
 27. Rain, Winds. — gr. 8.  
 28. Windy, Rain. — gr. 8.  
 30. Snow. — gr. 9.  
 31. Snowy. — gr. 9.

## Anno 1626.

Jan. 1. Snow, Wind, Iris. — gr. 9.  
 2. Winds, Iris. — gr. 9.  
 3, 4. Winds. — gr. 10.  
 5. Wind, Rain. — gr. 10.  
 9, 10. Snowy P. M. — gr. 10.  
 12. High Winds. — gr. 11.  
 15. Abundance of Snow. gr. 12.  
 17. Snow. — gr. 12.  
 Sept. 5. Rainy Night. — gr. 12.  
 6. It rained. — gr. 11.  
 7. Storms of Hail. — gr. 9.  
 11. Wet. — gr. 3.  
 18. Thunder, Showr. — gr. 9.

## Anno 1629.

May 25. Thunder, Showres. — gr. 10.  
 27. Black Clouds. — gr. 9.  
 31. Lightning. — gr. 9.  
 June 1. Thunder, Rain. — gr. 9.  
 5. Hail, Thunder. — gr. 8.  
 6. Rain and Winds. — gr. 8.  
 7. Winds. — gr. 7.  
 8. Little Rain. — gr. 7.  
 9. Windy. — gr. 7.  
 10. Tempestuous Winds. — gr. 7.  
 11. Abundance of Rain. — gr. 7.  
 14. A cruel Tempest. — gr. 5.  
 15. Great Showres. — gr. 5.  
 19. Lightning, Threatning. gr. 4.  
 21. Thunder, Showres. — gr. 3.  
 22. Abundance of Rain. — gr. 3.  
 23. Often Thunder. — gr. 3.  
 24. A Rainy Air. — gr. 3.  
 25. Little Rain. — gr. 2.  
 28. Thunder, Hail. — gr. 2.  
 29. Rain. — gr. 2.  
 30. Iris, or Rainbow. — gr. 1.  
 July 1. Rain, Winds. — gr. 1.  
 3. Storms, Winds. — gr. 0.  
 4. Storms, often Winds. — gr. 0.  
 July 5. Winds and Rain. — gr. 1.  
 8. Thunder, Rain. — gr. 2.  
 11. Showres. — gr. 2.  
 12. Thunder, Showres. — gr. 2.  
 14. Lightning and Rain. — gr. 3.  
 15. Thunder at Noon. — gr. 3.  
 16. Thunder and Rain. — gr. 3.  
 24. Men Thunder-strook. gr. 5.  
 25. Thunder. — gr. 7.  
 26. Showres. — gr. 7.  
 July 30. It rained. — gr. 8.  
 31. Thundered. — gr. 8.

Aug.



August 1. Men Thunder-strook. gr. 1.	6. Showr, Thunder. ——— gr. 9.
2, 3. Thunder, Showrs. ——— gr. 9.	7. Thunder often, Lightning. gr. 10.
4. Lightning. ——— gr. 9.	8. Thunder. ——— gr. 10.
5. Thunder, Showr. ——— gr. 9.	9. It Thundred. ——— gr. 10.

§ 24. Here I note well the *Place* of the *Zodiack* certainly contributes to the Exhibition of the Effect; but withall, say I, the *Due* and *Proportional Distance* helpeth as an accessary requisite, as hath bin heretofore observed, as toward the manifest *Duration*, or *Exaltation* of the same.

So in this Table, consonant to what hath bin deliver'd, wee meet *Rain*, and of that *Store*. *An. 1617. June 28.* at gr. 12. *July 10.* and *11.* at gr. 6. and *July 13.* gr. 10. So *An. 1621. June 9.* much *Rain*, gr. 8. *July 20.* Ratling Tempest, gr. 4. *July 29, 30.* Store of *Wet*, gr. 2. but rainy 8 days together, *Rain 7.* Three days after, *Rain* some store, gr. 8. and rainy gr. 10. Let the Reader be pleas'd to go on, to *Rain all day* and *abundance* of *Rain*, and add to what hath been observed at home, from abroad in other parts of the *World*, the like in other instances.

§ 25. Here it will be seasonable I remove an Objection, which may lye thus: In so great an *Amplitude* allowed to an *Aspect*, how shall we keep our selves *Honest*, and not do *wrong* to all other *Aspects* of *shorter* duration, which may fall within the Bounds of that under present Consideration? How shall we ascribe the Effect to a *Platick*, which may with greater reason to a *Partile* intervening, (as often it happens in a  $\odot \oslash \oslash$  with this of  $\oslash$ .) To which I make answer, that no great *Aspect* happening at the same time with another is confounded, or swallowed up, but keeps some distinguishing Property, discernable at times even under the Union. As suppose it Rains under a  $\odot \oslash \oslash$ , if  $\odot$  and  $\oslash$  be not far off, or nearer than the *Aspect* of  $\oslash$ : it blows as well as Rains: Again, in a  $\odot \oslash \oslash$  the *Rain* lasts longer, the *Thunder* abides, *Pertonuit*, saith *Kepler*, the *Fog* continues; by this we ken  $\oslash$  her Influence in relation to the *Sun* is not expired, though in a *Platick* distance, because the same measure of the Effect happens as is found in the *Partile*. Not at all denying, but that a meeting of other *Aspects* may prolong a *Rain* or *Thunder* where  $\oslash$  lies separate; only claiming this, that the Effect may be ascribed as it ought, to  $\oslash$ , when others put not in.

§ 26. But *Ptolemy* mentions, we hear, the *Rising of Waters*, following upon his fruitful Showres premised, which must by natural consequence have its Truth, relating to  $\oslash$ : And *Kepler*, not dreaming of *Ptolemy*; I persuade my self, with a due diligence hath noted down the Rise and Overflow of the River *Danow*, &c. *Fluvius crevit, aucti annos* and there I find  $\oslash$  engaged, but not without  $\oslash$ , *Aug. 1624. Nov. 1627.*

§ 27. Yea to deal truly I find also our Planet, rather at, or near her *Elongation* as far as that Observation assists us, to have a hand in the *Rain* or *Snow* which raised the *Waters*. 'Tis all but  $\oslash$ , and an *Elongation* of the Planets are not without their Effect, being, as we have said, a kind of *Opposition*; or unless because there are other *Aspects* beside  $\oslash$ , which help towards the increase. Any lasting  $\odot$  or  $\oslash$  in some parts of *Heaven* will raise them.

The Years in *Kepler* are these.

Anno 2622. Febr. 13. *Inundatio Pons ruptus*,  $\oslash$  elong. a.  $\odot$ . gr. 47.

Anno 1622. March 17. *Fluvius crevit*,  $\oslash$  gr. 43.

Anno 1623. June 11. *Exundabat Danub. admodum*, gr. 30.

Dec. 26. *Auctus Danub.*  $\oslash$  gr. 30.

Anno 1624. Feb. 18. *Auctus Fluv.* —  $\oslash$  gr. 47.

Anno 1625. Jan. 15. *Danub. crevit*,  $\oslash$  gr. 30.

Me

May 3. *Auctus amnes.* ♀ gr. 38.  
 May 5. *Auctus Danub.* ♀ gr. 38.  
 Aug. 20. *Danub. crevit.* ♂ gr. 43.

The First of these Instances shews no Rain preceding, wherefore it must be caused by the resolution of the Snow which was dissolved the Week before, but fell at the end of *January*, *St. Nov.* but even then our ♀ was above 40 degrees distance, which is in *Elongation*.

§ 28. Next *Ptolemies* silence in Fiery Meteors I wonder at, he reserves them all for ♄, there we shall hear of them. But ♀ snavity (*insim*) as he calls it, is guilty of such Terrors many times:—Fiery Meteors, Chasmes, Comets, Spurious and Real, and what else comes under the same generical Nature. Begin with Chasms, Vibrations of Fire.— We must run back to former Ages to prove this.

First, *Anno 1556. Jan. XI.* Flaming of the Heavens, frightening the Inhabitants with Thoughts of the Period of the World at *Auspurge*: After which a Storm elsewhere of Lightning, terrible: *Lyc.* 651. ♂ ☿ ♀ gr. 7.

Then *Anno 1564. October 7. Lond.* North part of Heaven flaming toward the Mid-Heaven: Night being as bright as Day. *Hoves* 658. On the same day at *Lovain*, Chasmes described by *Gemma* 11. 42: ♂ ☿ ♀ gr. 6. but withall a ♂ ☿ in 23: ☿.

Next, *Anno 1568. Sept 25:* Flaming Chasms at *Lovain* the whole night: *Gemma* 11. 63: ♂ ☿ ♀ gr.

Also *Anno 1570. April 1.* Chasmes again at *Lovain*: *Gemma* 11: 67. a ♂ ☿ ♀ gr. 11. a ♂ ☿ ♀ gr. 5.

Add *Anno 1617. July 17:* Chasma, *Kepler*, somewhere in *Austria* 1623: *Celum ardens* at *Lantz*, *Kepler*, ♂ ☿ ♀ gr. 5. ♂ ♀ ♀ gr. 4. *Jan.* 29:

And *Anno 1639. Jan. 30.* Chasma at *Noriberg*: *Kyr*

And *Anno 1648. May 25:* Thunder, and Heaven flaming: ♂ ☿ and ♀ gr. 6. ♂ ☿ and ♄: This for Chasmes:

Then for other Fiery Apparences:

*Anno 1547. December XV:* A Globe of Fire as big as the Sun, seen by the *Hamburg*: Marriners at Midnight: *Dr. Dee. Annot. MS. Ephemerid*: ♂ ☿ ♀ gr. 2: with ♄ 20 gr. distance:

*Anno 1554. June 13.* *Globi ignes discurrentes*, hor: 5: *Merid. Lyc.* 637: ♂ ☿ ♀ gr. 6. with others:

*Anno 1626. April 27.* Globes of Fire falling by Night: *Kepler*, a ♂ ☿ and ♀ Partile.

*Anno 1626. May 8.* *Meteoron prodigiosum*: Item what *Kepler* calls *Fulgur*: *Ascharii tardum*, lb: ♂ ☿ and ♀ gr. 3:

§ 29. Comets again not excepted, for we find——

*Anno 1516.* A Comet in the beginning of *January*, (for so it must be, if it preceded *Ferdinand's* Death, who dyed *Jan* 23.) On the 7th of this *January* we find a ♂ ☿ ♀, but withall a ♂ ♄ ♂:

*Anno 1533.* A Comet at the end of *June*, throughout *July* and *August*: a ♂ ☿ ♀, so that all *July* and *August* they were, in a manner, together.

*Anno 1557. August 6. ad diem St. Barthol.* A Comet obscure and pale: *Stadius*, p. 66. *Bunting*: *Chron.*—a ♂ ☿ ♀ gr. 2.

*Anno 1578. May 16. Lyc.* 10 ☿ ♀ gr. 11. *Lubienec.*

*Anno. 1582. May 15. Hoves*, 695. ♂ ☿ ♀ gr. 10.

*Anno 1597. July.* A Comet continuing from the 16th day, to the 9th of *August*. *Ricciol.* ♂ ☿ ♀ in princip: ♄ a ♂ ♄ ♂.

No, nor Earthquakes; for they also occur.

Anno 1552. Sept. 16. at *Basil. Lyc.*  $\delta \odot \varphi$  princ.  $\simeq$ .

Anno 1554. April 30. at *Lovain, Gemma*, 11. 23.  $\delta \odot \varphi$  gr. 4.

Anno 1556. Jan XVIII. 19, 20. at *Sanxi in China Purchas Vol. 3.* 198.

Anno 1575. Febr. 26. *York, Worcester, Gloucester, Bristol, Hereford, &c.*  
*Howes*, p. 679. a  $\delta \odot \varphi$ .

Anno 1585. Aug. 4. An Earthquake, *Howes*, p. 709.  $\delta \odot \varphi$  gr. 4. with  
an  $\sigma \text{ h } \delta$ .

Anno 1586. Perceived at Sea *Hakl.* p. 810. part 2. Vol. 2.

Anno 1613. Jan. 13. in *Zant, Coryat apud Purchas.*

Anno 1642. April 25. in *Norico. Terræ fremitus*; (a noise heard in some  
Earthquake.)  $\delta \odot \varphi$  in  $\simeq$  15. *Kepler*.

Anno 1626. April circ. 28. In *Galabria*: about what time (with *Kepler*)  
fell the *Ignes Calitus cadentes*.  $\delta \odot \varphi$  Partil.

Anno 1628. Jan 9. a Fame of an Earthquake. *Kepler.*  $\delta \odot \varphi$  gr. 9.

Anno 1629. Princ. *Augusti*; In the Alps among the *Grisons (Rhoetos)* sur-  
passing that which happened Anno 1618.  $\delta \odot \varphi$  gr. 9. yea  $\delta \odot \varphi$  gr. 10.  
 $\delta \odot \varphi$  gr. 11. *Kyriander*. Now that happened in *August* 15. on a  $\delta \odot \varphi$ .

Anno 1634. April 17. *Kyr.*  $\delta \odot \varphi$  in  $\simeq$ .

Anno 1637. July 1. at *Tours* Storms, and at *Norimberg* an Earthquake.  
*Kyriander*.

Anno 1642 Mart. 27. *Turin* in *Piemont.* p. 469. *Kyr.*  $\delta \odot \varphi$  gr. 7.  $\delta \text{ h } \delta$ .  
gr. 12.

Anno 1643. Sept. 2. in *Turin* again, *Kyr.*  $\delta \odot \varphi$  gr. 7.  $\sigma \text{ h } \delta$ .

Anno 1668. Sept. 3. an Earthquake in the *Canibes* and Fear of a Hurri-  
cane following.  $\delta \odot \varphi$  gr. 4. *Gazet, Numb.* 304.

§ 30. Now let no man Nauseate the Names of our Witneses here in this  
*knowing Age*, as petty Trades in *Prodigies*, Objects of the Vulgar under-  
standing, because, though it may be *shortness* of Understanding to Multiply,  
'tis scarce so, to acknowledge such a thing. Our Speculation doth sometimes  
border upon such a thing as Prodigy: but 'tis clear our *Primary* intention  
comes to the orderly Course of Nature; wherein if God please to shew  
himself in a clearer Glass of his Power, it will be not Piacular, we hope,  
to offer at the Cause, deputed by the Creator for such Effect. For to re-  
move the Nature of Prodigies from every Natural Production (under cor-  
rection) I fear is a mistake; since though we must not with the Vulgar,  
reckon every Effect prodigious, wherein God shews his Power, yet  
every such Exhibition of his Power and Fury joyned, I believe comes near. For  
'tis hard to say that an *Inundation* which washes away thousands, or an Earth-  
quake which buries as many, signifies no harm. If it doth signifie Harm,  
&c. I gather from thence a *Desty* displeas'd: So 'tis a Prodigie, otherwise  
the Universal Floud had nothing *Prodigious*, no Lesson read to us thereby:  
For Wise Men, I can tell you, give opinion, that even there, some use was  
made of *Natural Causes*; as also in other Destruction of Cities by Fire.

§ 31. I say then, if we put the *Ghasms* and *Globi Ignei* together, there  
may be some cause of wonder why *Ptolemy* is silent, especially when there  
are a great volly of Instances of Lightning and Thunder almost within hear-  
ing. In like manner for his Silence in Earthquakes: But  $\varphi$  being more  
frequent in his Congresses, fell more frequently under Observation, and so  
got the Name; and it may be they were unwilling to believe that  $\varphi$  could  
Frown, since we have seen her entituled to a soft, sweet Influence.

§ 32. But the Table speaks impartially: And *Comets* themselves, it seems,  
are beholden to  $\varphi$ : And who will dispute it, when the great *Astronomers*  
who undertake to consider their *Course, Tendency, Duration*, after all, be-  
gin to suspect some Relation they have to those Celestial Bodies: In one  
place



place Tycho suspects the New Star 1572: had its Original with the New ♀. Nov. 5: To what purpose, unless the ♂ of ☉ help to light the Taper: When elsewhere, Anno 1577. he carefully observes, that the Comet there spread out its Train not so much within the Opposition of the Sun, as of our Planet ♀: When ♀ was even in her *Elongation*, a sign and a half distant. We do not exclude the Sun in our Celestial Production: but Tycho observed right, and we thank him for it. The Comet here transmitted the Rays of ♀; Yea, but ♀ as he scruples it, hath not such a *Potent Ray*. Resp. ♀ exalted and assisted may own so much; for within a few degrees there lies another Planet who is called ♂. If Tycho had said, that ♀ and the Planet ♂ in ♂ had transmitted their united Rayes, he had hit it; for as sure as Truth, the Comet owes its Original to ♂ and ♀ drawing on, from 12 gr. distance by Inches, to a *Partile Conjunction*. The Comet began *Novem.* 10. the Partil ♂ of these two Planets happens *Dec. 2.* so was the Comet all that while in good heart, and by proportion must continue so till it come to 12 gr. distance on the *Dexter* side, that is till *Christmase*. Thence I reckon it declines, and much more by what time ♀ came to be a whole Sign distant, (*i. e.*) out of the Bounds of Conjunction, precisely the Comet vanished, *Jan. 26.* Which very point is remarkable; though I wot well that such an appearance, which begins by one *Conjunction*, or *Opposition*, may be fed by a succession agreeable to this. Mark what Tycho hath observed, and 'tis memorable even in *Ricciolus* his judgement, who is no Friend to our Principle, that the Star in *Castropeia*, Anno 1572. was saluted by *All* the Planets, before it was extinguished. Let any *Man* be Judge, if this be unreasonable now, viz. if so be all the Planets in their Turns and Positions have to do with the Generation of New Stars, *Ricciol. p. 769. § 7.* And I think I noted before that Tycho observed the same of a *Comets Train*, opposite to ♀. But of this more elsewhere. Howbeit *Kepler* calls to be heard, *Lib. de Spel. Nov. pag. 6. Et memorabile est eundem fuisse situm Solis ad Venerem anno 1572. sub exortum illius Sideris qui jam anno 1604. recurrit.*

§ 33. We cannot finish this discourse till we have pointed at the *Waters* that have flowed in with ♂ ♀, remembring always that our Aspect is responsible for the days preceding the Date of the Flood, least any should think that Nature raised them in an Instant from any *Subterraneous Fountains*.

An. 1501. where the Ebb overflow'd, memorated by *Lyc. ♂ ♀*.

Anno 1573. the great Inundation in *Holland*, &c. cum inaudita Glade, *Gemma II. 167.* and again *Sept. 1. gr. 11.*

Anno 1579. *Feb. 10.* Floods in the *Thames*, *Howes 685. ♂ ♀ R.*

Anno 1594. *May 11.* Great Water Floods in *Surrey*, &c. by Rain and Hail, beating down Houses, &c. *Idem p. 769.*

Anno 1643. *Dec. 2.* at *Thuringen Kyr. ♂ ♀*.

Anno 1655. *Jan. XX. H.* Floods with us in *England*, gr. 3.

In our home Observation we meet with it once or twice at most.

§ 34. One or Two Notes let me add concerning monstrous Hail, sometimes recorded under this Aspect, specially when it speaks that cold Temper which is often enhaunted at the Partile Congress of the Planets, and according to what hath been noted; and because by reason of the Monstrous size of Hail it may speak some Affinity to Floods.

An. 1531. *Dec. 16.* in *Cardan de variet. c. 11.*

1564. *Jun 24.* at *Lovaip* of an Oval size, noted by *Fromond* from *Gemma II. 52. ♂ ♀ 10.* The like with us at *Ghelvesford*, *July*

17. *Anni ejusdem.*

1684. In *England* Hail 8 or 9 Inches Circumference, *C. Smith. pag. 124, 125.*

§ 35. That

§ 35. That the *Hurricane* mentioned in *Keplers* Diary goes not alone; It is a Twin at least, witness *Feb. 14. Anno 1627.* where *Galvissus* tells us of 37 Ships, and God knows how many Thousand men drowned,  $\delta \odot \text{♀}$  gr. 4. But we have not clogged the Reader with such like Instances; from one, vehemence Another may be concluded: What will procure an Earthquake, can make such a bustle in a Superiour Element.

§ 36. So have you seen in part what our Aspect does abroad or at home. That we may sure to be brief, let us cast up all into the *Short Sum* thus.  $\delta \odot \text{♀}$  in a State of Destitution, brings *cool* air at all times of the year, in Winter, *Frosts*, Sharp and permanent. In like manner Mists and Fogs, But, with indifferent or more considerable assistance, Warmth, cloudy and close Weather, *Showres*, Winds, Rain, considerable part of the Day, if not all day long, sometimes Fiery Meteors, Lightnings, Thunders. The fair Weather, though sometimes hot, we refer to the State of destitution: The rarer accidents enter not into the Character. So much for the  $\delta \odot \text{♀}$ , a beauteous Aspect to our understanding, for our Corporal Eyes never see it.

### CHAP. III. Conjunction of the Two Inferiours, Venus and Mercury.

§ 1. An Aspect fam'd among the Antients for much wet. 2. Venus, Mercury and the Moon the moist triad. 3. The Influence palpable from their Vicinity to the Earth, and something more. 4. Venus a bright Evening Star. 5. She contributes to cornscations. 6. She and Mercury are sometimes mad Sparks. 7. Equal to any Aspect precedent. 8. Evidence from *Keplers* Diary. 9. A prospect of excess of Rain, of Lightning from thence. 12. The *Home* Diary. 13. Search into forreign Diarys not unprofitable for Navigation. 14. Platick Aspect requisite to understand the Nature of a Planet. 15. The *Forreign* Tempest-Diary of Sol and Mercury hitherto reserved and produced. 16. The use to be made of it in caution and self-preservation. 17. Some *Hurricanes* with us. 18. *Forreign* Tempest-Diary of the Conjunction of Sol and Venus. 19. The Aspects of Sol and Venus with Sol and Mercury compared, Mercury more turbulent than Venus. The Devil, whether he may be in any Storm. 20. *Forreign* Tempest-Diary for Venus and Mercury. 21. Venus and Mercury as stormy as Sol and Mercury, How that can be made out Stormy especially when either of them is retrograde. 22. Account of a stormy constitution sometimes for a whole Month. *Magellan's* pacifick Sea, The interchanges of Sol, Venus and Mercury commended to the studious Mariner. 24. *Stadius* in the Governour of Antwerps *Hurrican* over-looks our Aspect. 25, 26. A Touch of Comets. 27. Co-incidence of the same day of the Comet Anno 1537. and again, Anno 1578. very instructive of *Gassendus* and others. 28. *Forreign* Diary of Fiery Meteors. 29. The Design of these Papers is universal. This Aspect must be acknowledged as well as any other. 30. Some Earthquakes found under this Aspect. 31. And inundations. 32. Truth not hearkned to. 33. Our home Testimonies not inferiour to the *Forreign*. 34. *Keplers* in serviceable Aspect. 35. Some-

25. Something of the Motion considered. 37. The Aspect of Venus and Mercury never return. 38. Motion and Influence both set forth the Glory of the Creator.

§ 1. **C**onjunction of ♀ and ☿ what do they Effect? They pretend severally to do something in ☿ with ☉, but can they produce any thing in ☿ mutual one with the other? Astrologers say they may, with help especially, *Per aliquot dies excessum humiditatis, ventorum nivium, &c. inferre possunt*, saith Eichstad. But Eichstad is but yesterday. What say our Arabian and Indian Astrologers, Albumazar, yea Alchindus and Giaphar? They say the same (whether they speak Sense or no, we shall see in what follows,) *Quando erit ♀ & ☿ & ☉ in aliquo istarum mansionum decem humidarum, sign. pluviam multam*, so Alchind over and over, Cap. 6. *Inspece*, saith he, *in hora Conjunctionis, si Luna applicuerit cum ♀ & ☿ sign. generationem pluvia in illa septimana*. Again, *si quando fuerit ♀ & ☿ in Scorpione & Capricorno aut Aquario cum ☉ sign. pluviam*. For, *Planetae ferentes pluviam sunt, Venus, Mercurius & Luna*, in the beginning of the Chapter. When the ☉ is in m 20. That's a critical time with the Indian: Then if the ☉ apply to ♀ and ☿ sign. *multas pluvias in eo anno*. Yea for every New ☉, or if they be found in any of the 10 Mansions, the Effect follows, Thus the One; Now the Other; (remember he speaks for his own Climate) or not above 10 gr. Latitude from the Equator. If the Two inferiours, saith he, apply to a Malevolent, ♀ or ☿, *submersio & ruina, imbrium assiduitas timenda*, Sect. 3. Our Moderns follow these Men, Adrian, *Vlacq* in Ephemerid. Anno 1633. *Quod si ♀ & ☿ congressus acciderit hora Conjunctionis, &c. Luminarium, pluviarum inundationem pariet*. And they seem to speak consequently, because we have met with some excess in ♀ conjoynd with ☉, which it seems, they do not appropriate to that only, but plead for the like in this, and if it should prove true, I can tell you enters us into a pretty distinct Notion of the Planets, for ☿ is a second Sol, if he can bring forth the same showres, &c. in amity with ♀ as ☉ hath proved himself to have done, in Conjunction with the same Venus:

§ 2. We will not thus argue, though the Argument is Legitimate, that ♀ & ☿ and ☉ met together in ☿, have undenyable Influence (as I see the Arabs or Indians also have taught) *ergo*, the same ♀ and ☿ by themselves have their certain efficacy. This belongs to the Chapter of Complicate Aspects, and our Method engages us yet to show the Influence only of the Single and incomplicate.

§ 3. They are both reflexions confessed, they appear horned in their First and Last Quadrate, as we call it, and though both of them are reckoned of less Dimension than the Earth, yea and for ☿ part, less than the ☉, yet it seems they are so near, that they can give us a Sign of what they are, and who they be, and thence we must fetch the reason, the Demonstration, as I love to call it, because they are *neer*. Because they are inferiours, therefore they are so palpable in Effect, even when Direct; They are still the nearest of the Five.

§ 5. They who look on ♀ only as a fair Morning or bright Evening Star, have other Notions of her, as if she brought always Fine Weather with her very look, and swept away the Angry Clouds with her Train; but ♀ it seems can scowl, and frown, and storm, and mask her self in dirty Clouds, &c.

§ 5. But this it not all, for consulting with the Antients, that I might see the Antiquity of Astrological Truths, though hitherto not much advanced, I learned from the Fam'd Albumazar, that ☿ ♀ & ☉ to their Rains and Show-



Chap. II. Venus and Vulcan: Evidence fr. Kepler for Winds, R.L. 179

Showres added Coruscations and Thunder for eight Signs in twelve. I for my part thought the Arab was mad, but allowing for the difference of the Climate, He is not much out of the way, for let even *Albumazar* have his due, All things considered, he is not to be blamed.

§ 6. But who would have thought ♀ and ☿ to be such *Roysters*? As soon would we have believed that Two Diamonds could Fulgurate, or Two Knick-nacks of the fair Forge thunder on their Wooden Anvil. Did the Fables dream of this, when they taught the World, *Venus* and *Vulcan* were Familiars?

§ 7. Whether they did or no, the Influence of ♀ for Winds, or Rain and Heat, and Thunder, and abundance of all these is not fabulous. Whatsoever a ♂ ♀ or ☿ ♀ hath done, in that will a ♂ ♀ ☿ match them; for though ♀ be greater than the ☿, yet ♀ surpasseth the ☿ and Earth also.

§ 8. Now follows the Table, our Evidence drawn from *Keplers* Diary.

Direct.

High Winds. *Turbo* June 18. *ventosum* 24. Anno 1621. Feb. 14, 15. March 13. Anno 1623. *Procella* June 24. 1624. Feb. 15, 16. March 20. Aug. 31. Sept. 1. *Ventus* Dec. 5, 8, 9, 1626. March 3, 4. October 13, 27. 1627. June 9. *Ventosum*, *Tempestuosum* 10. 1629.

Retrograde.

Dec. 15, 19. Anno 1622. July 18. Octob. 22, 26, 27, 28. 1624. Feb. 10, 12, 13, 14, 15. 1626. Dec. 28. 1628.

Direct.

Excess of Rain. June 20. *Tempestas perstrepuir*. 25, 26. *Pluvia decumana*. 29. *Largissime Pluvia*. 30. July 1. *Tempestuosum* 9. 1621. July 4. cum inundat. pluit largissime. 17, 18. 1622. *Multa Nix* March 12. *Ninxit copiose* Decemb. 10, 12, 13. 1623. July 24. August 10, 11. cum Inundat. 13. *Tempestus Hor.* 18. Pluit copiose 19. 1624. *Temp. atrox* July 11. 1625. March 29. April 13, 18, 19. Aug. 20, 23. 1626. *Ningit continenter* Feb. 27. *Plu.* Sept. 19, 20. Octob. 11. Pluit copiose. 26. *Aucti amnes.* Nov. 6. *Pl. die noctuque.* 1627. April 21, 22, 23. *Plu. decumana* May 1. *Cataractæ* 3, 4, 5. *Plu. multe* 10, 11. 1629.

Retrograde.

*Pluvia* Dec. Aug. 31. 1621. May 24. 1626. *Imbres* Dec. Aug. 5. 1629.

Direct.

Thunder and Lightning May 21, 23, 24. June 8, 19. July 9. 1621. May 19, 20. 1622. *Celum ardens* Jan. 29. June 19, 30. 1623. Aug. 5, 6. 1624. July 10. *Fulminata*. 14, 16, 17, 18, 21. 1625. March 25, 26, 28. Ap. 4. *Ghasmata* Aug. 28. 1626. Apr. 21. Here Kepler confesses our Aspect, *Horr.* *Fulmina*. 25, 30. May 7, 25, 31. June 15. 1629.

Retrograde.

*Fulminata aliquot loca* Aug. 31. 1621. *Ghasmata Fulgetra* Decemb. 23. 1622.  
A a a July

July 19, 21, 23. 1624. May 31. June 1, 5. 1626. Sept. 18. 1628. *Fulminati homines*. Aug. 1, 2, 3, 4, 5, 6. *Fulgetra Crebra* 7. *Ton.* 8, 9, 1629.

## Direct.

Heat, May 8, 14, 15, 23, 24, 25, 26, 28, 29, 30, 31. 1621.

§ 9. Where we have expunged the accounts of Simple Wind, and Rain, and Warmth, and for brevities sake have mentioned only Excesses of Heat, Wind, Rain, and we may add Thunder, to clear the *Arabs* from their madness which was suspected. Their Experience, we must think, was grounded upon more than 8 or 9 years, and a few Conjunctions therein contained. Let any one be pleased to view our account, and note, as well as number the days, and he shall find Mad, or at least Notable doings here and there. For *Fulmina* & *Fulgetra Crebra*, & *Loca Fulminata*, & *Homines Fulminati*, appearing more than once or twice, does speak for the *Arab*. Which seeing they happen under the Retrograde, as well as the Direct Conjunction, pleads for the Aspect it self, whether the *Arab* is Fee'd or not to speak for it. Nor can I help it, if the  $\delta$  of  $\odot$  to either of them be within a few degrees or days, what time we meet with Excesses, for 'tis not always so. Witness, that on May 13. Anno 1622. where the  $\delta$  of  $\odot$  and  $\varphi$  is 17 days distant, and the  $\delta$  of  $\odot$  and  $\varphi$  30 days. And yet even there we meet with a *Pluit Largissimé*, May 17. and 18. Heat and Thunder, May 19. and 20. to add no more, within 4 days of the Aspect, and no other neer of any note, the Lunar excepted. The Truth on't, 'tis a sweet Eviction to see Rain and Storm, when the  $\odot$   $\varphi$  and  $\varphi$  are neer together, as the *Arab* said now of the  $\triangleright$  with them, particularly, when in August 1629. it Thundred above 7 days together. But reasonable Men have no cause to doubt, but that our Aspect, by it self considered, when the  $\odot$  as it were, stands and looks on, can act its part in Winds and Rains, as you may see in the Abstract premis'd.

§ 10. The reason must be, I have said, because of their Vicinity to the Earth, as well as their moderate distance from the  $\odot$ ; Otherwise the  $\triangleright$  could claim no interest upon her Vicinity to us Sublunars, which we take to be confessed. And is it not consonant and consequent that we should meet with *Pluvia decumana, Largissima, minxit multum* & *continenter*? They say  $\varphi$  is thrice as big as  $\varphi$ , and she yields accordingly. But is it not consonant I say to what we have observed before in her  $\delta$  with  $\odot$ , when she watted the ground with her fruitful Dewes the whole, or a great part of the day? This seems not so ordinary in the  $\delta$  of  $\odot$  with  $\varphi$ , except perhaps where  $\varphi$  moves very slow, which confirms the reason given from the Slow and even Motion of that Planet with the  $\odot$ , by which he helps to prolong a Constitution, and keep it in *Statu quo*.

§ 11. Must we give you a like taste from our own Country? We cannot say nay, because it brings us the fullest and easiest Conviction, as far as I see yet, of all the Aspects, I am sure that have been yet propounded.

$\delta$   $\varphi$   $\varphi$  ad gr. 10.

1671. Feb. 12. *H. Gusts* 3 p. & c. *Sly.*

XX. Showr o. hail 3 p. wetting *vesp.* *Sly.* a m. Nly *vesp.*

XXI. Often showring *ante mer.* & p. m.

May 13. ad June 8. Soultry.

W. S W.

XIV. H. wd, showr 2 p.

XVI. Wind, showr  $\triangleright$  South, fine showr

4 p.

XVIII. Some rain p. m.

XX. Rain 9 m. Rainy m. p.

XXI. 1 p.

XXI. R. 1 p. 7 p. 8 p. hail o.  
XXIII. Great dash o. (with Thunder) frequent p. m.  
XXIV. Coasting rain at o. with thunder-clap. S W.  
XXVIII. Showrs in prospect a. m. p. m. Wly.  
XXXI. H. wd. very much rain 7 m. 10 m. o. 2 p. 4 p. 6 p. 10 p.  
June 1. Rainy and dashing die tot. Thirty Showrs at least. Circa diem 4. A Church in Venice was fired by Lightning.

November 17. ad 27.

XXII. Warm, often misting. S W.  
XXIV. H. wd. S W.  
XXVI. Rain ante lucem.

1672. June 13. ad July 26.

XIII. Thunderclap at Windsor.  
XVII. Soultry.  
XXVII. R. 6 m. ad 8 m. Sly 1 p. 6 p. 8 p.  
XXX. Drisle m. p. 3. July, drisle p. m. tot. A high wind, showres o. 1 p. p. m. tot.  
VI. Wet a. m. tot & fere tot p.  
XIX. Soultry.  
XXI. Hot season.  
XXII. Three Meteors, by moonlight two.  
XXVI. Dash of rain m. H. wd.

September 24. ad October 3.

XXIV. Wet 5 p. ad 11 p. &c. with fog. S E.  
XXV. Rain all n. f. wetting m. S W.  
XXVI. Dark, wet a. m. tot. showres 5 p. warm. S W.  
XXVIII. Wet m. windy. S W.  
XXX. Showre 9 p. and wdy. Sly.  
Feb. I. H. wind all n. showr 1 p. 2 p. &c.  
II. H. wd all n. wet and dashing m. S W.

1673. June 24. ad July.

XXV. Wetting little p. m. tot. S W.  
XXVI. Rain 6 m. 8 p. & 1 p. & n. m. p. H. wd. S W.  
XXVII. Rain 6 m. windy. S W.  
XXIX. Smart showr 6 m. 9 m. 5 p. 8 p. 1 Thunderclap 3 p.  
July 1. Rain 1 p. &c. S W.  
Flouds at Oxford and Bristol, and spout at Harwich. June 23.

1674. January 6. ad 13. March.

VII. H. wd o. & p. m. R. 9 p. Ely m. S. p.  
VIII. Wet die tot. a. 5 m. ad 5 p. R. p. midn. S E.  
X. R. ut supra. H. wd.  
XI. Wet m. rain hard 1 p.  
XIII. R. 5 m. foggy and misle a. m. m. p. Re- arnest 7 p.  
XV. Wet a. 1 p. ad 11 p. &c. S W.  
XVI. Drisle 8 m. Rain 9 p. &c.  
Very High wd, Shipwrack at the Goodwin.  
XVII. R. a. m. Snow die tot fere. Rain toward n. N E.

XIX. Showr and high wind 10 p. S W. a m. S E. p. m.  
XX. Snow and very High wind 1 p. N W.  
XXI. H. wind b. d.  
XXIV. Much rain a. 4 m. ad 7 m. warm. SW.  
XXVII. Rain 8 m. & 9 m. yea dropping m. p. Ely.  
XXVIII. Rain 8 m. offer 6 p. Ely.  
XXIX. Wetting m. p. R. a. 4 p. ad 11 p.  
XXXI. H. Wind 5 m. R. tot.  
Feb. VI. Excessive frosty.  
XIII. Much Snow 2 p. ad 5 p. thaw.  
XIV. H. wind p. m. R. 5 p. S W.  
XV. R. fog a. m. 5 p. Sly and Ely.  
XXI. Wet and dark a. m.  
XXII. Fog, fleet o. wetting 8 p. Ely.  
XXIII. R. hard 2 m. 2 p. 9 p. S W.  
XXIV. Wet m. p. with show. Ely.  
March II. H. wind n.  
III. Snow all day, a great snow. N E.  
VIII. Windy, snow a. 4 ad 5 p. Ely.  
X. Snowing hard Sun occ.  
XII. Snowing m. p. p. m.  
XIII. R. m. and thaw apace, warm.

Anno eod. April 18. ad 30.

XX. H. wind and dashing 4 p. &c. Sly.  
XXI. Showr 10 m. wd, rain 6 p. &c.  
XXII. Tempest a. L. & die tot. with coasting showrs.  
XXIII. Showring a. m. Hail at St. Albans.  
XXV. H. wd.  
XXVI. H. wind a. m. showring p. m. wesp. & 9 p. S W.  
XXVII. R. d. br. ad 7 m.  
XXIX. R. 5 m. & m. p. d.  
XXX. Rain 8 p.

Anno eod. July 5. ad 26. August.

V. Wind, showr 1 p. smart showring and thunder.  
VI. Showre 1 p. 3 p. 5 p.  
VII. Showres of rain and hail 9 m. &c. Showrs p. m.  
VIII. Showring 10 m. 1 p. p. m. dashing 5 p. ad 8 p. fere. Sly.  
IX. Showr 10 m. 1 p.  
X. Showr 7 p. S W.  
XIII. H. wind, showr 1 p. & 8 p.  
XIV. Showr 9 m. showr and thunder 1 p. very H. wind.  
XVII. R. 5 m. foultry, terrible Lightning 9 p. Meteor near Perseus.  
XVIII. Much lightning, abate at midnight. 3 Meteors 11 p.  
XIX. Lightning and thunder 2 m. R. coasting showr 1 p. H. wind. So at Strasburg, &c.  
XX. Powing rain a. & m.  
XXI. High wind.  
XXII. Soultry fog a. m. R. 1 thunderclap 1 p. R. 4 p. dash 9 p.  
Dire storm at Utrecht, Antwerp, Ghent.  
XXIII. H. wind.  
XXIV. Rain 2 m. 7 m. H. wiuds. S S W.  
Meteor 4 occ.

XXVI



XXVI. Soulttry, yet windy, Lightning much  
8 p. &c.

XXVII. H. wind, showr o.

XXVIII. f. showres m. H. wind p. m.

XXIX. H. wind, Meteors 11 p.

XXX. R. hard p. m. *tor.* H. wind.

XXXI. R. 5 m. & 11 m. wdy.

August I. Showr 5 p. high wind.

II. Rain 7 p. R. a 9 m. ad 2 p. showr 3 p. &  
10 p.

III. f. rain m. showr 5 p. 7 p. Rainbow. S W.

IV. R. 9 m. &c. & 1 p.

V. H. cool wind.

VI. H. wind, R. 5 p. 7 p. 10 p.

VII. Much rain a. L.

N W.

1675. Jan. 31. ad 9 Feb.

XXXI. H. wind, f. snow or hail 4 p.

II. Feb. Rain midn.

IV. R. m. p. by fits,

V. High wd and R. 11 p.

VII. Showr of hail 11 m. o. 1 p. 3 p. Rain  
8 p.

IX. Wetting and hard snow 8 m.

Anno eod. August 20. ad 23. Sept.

XX. f. rain n. windy.

XXIV. Rainy m. p. m.

XXVII. Windy, rain n.

XXVIII. Wind. R. at 12.

XXIX. R. at 3 p. m. 5. & 7.

XXXI. Great Hurricane at Barbadoes as ever  
was.

Sept. V. Rain 3 p. drops 6 p.

XI. Great rain 2 m. 3 m.

XV. Rain 5 m.

XVI. Rain 5 p.

XIX. Rain 2 m. f. R. 2 p.

XXI. Windy, great rain 5 m. 1 p.

XXIII. R. at midn.

Anno eod. Nov. 24. ad Dec. 5.

XXIV. Windy, f. wetting o. R. 6 p.

XXV. Rain a 3 p. ad 6 p.

XXVII. Wetting 7 m. & 9 m.

XXVIII. Warm.

SW.

1676. Feb. 21. ad March 6.

XXV. R. 11 p. Tempest, after ☉ occ.

XXVII. Wind 6 p. Meteors 9 p. ♀ seen  
plain below ♀.

XXIX. f. wetting, heat, drops towards ☉  
occ.

March III. Rain 6 m. ad 9 m. fere, showr 11  
m. bright Meteor.

V. 5. rain 6 p. &c.

Anno eodem. August 28. ad Sept. 5.

XXVIII. Showr 8 m. & o. 2 p. dashing 4 fere  
R. 7 p. H. wind 9 p. &c.

XXIX. High wind.

XXX. Rain at Bromley 1 p. great showr.

IV. Sept. hot n. f. wet 5 m. R. o. fine rain p.  
m. & Sun occ. & 11 p.

V. Rain apace, 1 m.

Wly.

1677. March 10. ad May 6.

X. Rain ante ☉ ort. & 8 m. H. wind.

XI. Rain 2 m. 4 m. hail 1 p. Meteor, wdy, wet  
3 p. ad 6 p.

XII. Rain a. L. showr 1 p.

XIII. Much snow 4 m. snow die tot.

XIV. R. m. o. & vesp.

XV. Great storm between Cales and St. Lucas;  
which broke the Mast of Captain Pile's Ship,  
and a Clap of Thunder broke the second  
Mast, so that they were all cast away.

XVIII. Rain a. L. f. wet 6 m.

XIX. Rain hard 1 m. 11 m.

XX. R. a. L. H. wind.

XXI. Very stormy all n. storm of rain and hail  
6 p.

XXII. Rainy, windy m. p. rain and hail 3 p.  
Hail and Thunder 5 p. at Forest hill.

XXIII. Rain 2 p. R. ante 5 p. & 8 p. too much  
rain complained of. Hail 4 p.

XXIV. Rain 8 m. &c.

XXV. H. wind all n.

XXVII. Showr 6 p. 7 p.

XXIX. Rain a midn. and blow hard.

April I. Storm Wrackt the Loyal Merchant, Lat 49.

III. April. Rain a. L. at Forest hill 4. Rain a. L.  
Nly.

VI. Showr 1 p.

VII. Rain 5 m.

XI. f. rain m. high wd, drille, of R.

XIV. Rain 6 m. & o. 1 p. 6 p. by fits 3 p. con-  
sting showre 7. H. wind 11 p. ♀

XV. Rain 11 m. sweetly with H. wds, showrs  
6 p.

XVI. Showr 8 m. hot n. R. and 4 or 5 Claps  
of thunder in the S W.

XVII. f. rain 9 m. wind, R. p. m. 4 p. by fits,  
a Comet.

XVIII. f. showing o. & 1 p.

XIX. R. 3 p. and pretty store a 6. ad 8 p.

XX. f. rain 9 m.

XXII. f. wet 3 p.

XXIII. Cold day, wdy. Percepisce at Greenwich,  
Whale at Colchester.

XXIV. R. m. 10 m. hard 11 m. 1 p. 6 p. wd.  
SW.

XXVI. R. m. 10 m. rain considerable 11 m.

XXVII. Wet m. wet 6 m. here, and 36 Mile  
Northwards. Rain 1 p. 5 p. 7 p.

XXIX. H. wind, showr 9 m

XXX. Rain 11 m. and constant till midnight,  
ante midnight rain faster.

The Vale of the white horse in danger of a  
Flood.

I. May. Wet m. rain 11 m.

II. Rain 5 p. & 9 p. Flood at Tinbridge.

III. Wet a. m. *tor.* showr, rain and hail, an il-  
lustrious Rainbow.

Anno eodem. June 30. ad 10 July.

July VII. Lightning and Thunder 1 p.

VIII. Troubled air, Thunder 7 p. and Rain

IX. Showr 6 m. smart 10 m. High wind die  
tot.

X. Boisterous wind die tot. R. 11 D &c.

1678.

1678. April 11 ad 18.

- XI. R. 9 m. & m. p. m.
- XIII. Wetting o. 2 p. & 6 p. R. 8 p.
- XIV. R. 1 p.
- XV. Rain 1 & 2 m.
- XVI. Drizzle m. 5 p. 11 p.
- XVII. Drizzle 10 m. showr 2 p.

1679. Jan 22. ad 30.

- XXII. Thawing, drizzle, sleet p. m.
- XXIII. Snow 8 fere; some snow and thaw p. m. per tot.
- XXIV. Snow m. p. n.
- XXVI. H. wind and cutting.

Anno eod. Novembr. 8. ad 18.

- VIII. f. rain p. 7 p. 11 p.
- IX. R. a. L. postea snow.
- X. f. rain ante 2 p.

1680. Sept. 3. ad 11.

- III. Hail 2 m.
- V. f. rain 10 m. & o.
- IX. Gr. Fog, hor 10 p.
- X. Gr. fog, wet 10 p. Meteor, 10 p.

1681. June 15. ad 22.

- XV. f. rain, Sterlin great storm, hail.
- XVI. Dolphins in the Severn.
- XVII. T. M. swallowing up Trees at Ferrara.
- XIX. f. drizzle o. 7 p. Meteor with a Train 9 p.
- XX. Fine gentle rain a 2 p. ad midn.
- XXI. Brave wet day, curious dash ante 3 p.
- XXII. R. Sun or. winds.

Anno eod. Decemb. 18. ad 8 Feb. 1682.

- XVIII. Very high wind a. L. and much Rain stormy day.
- XIX. R. 6 m. stormy ad Falmouth.
- XX. R. 4 m. rain and wind ante 7 p. Porpiscer 4 at Woolwich Reach.
- XXI. R. m. & 11 m. Floud at Copenhagen by Storm
- XXII. Rain a 7 p. ad 11 p.
- XXIII. Much Rain noth. precedent. drizzle p. m. m. p. snow at Okeham.
- XXIV. Plymouth very tempestuous, much R.
- XXV. H. wind and much R. ab ante 4 m. ad merid. stormy day & n. stormy Tarmouth 6 Vessels driven back by stress weather.
- XXVI. Very stormy n. prazed. with R. storm of hai. Stormy by fits.
- XXVIII. Stormy p. m. R. 12 p.
- XXIX. Wind and R. ante 2 p. & alias.
- XXX. H. wind p. m. R. and very high wind, H. wind n.
- Jan. I. 1682. R. 2 p. ad 3 p. so 5 p. ad 8 p. H. wind o. & p. m.
- III. Furrows, H. wind, blowing off Tiles, f. R. m.
- IV. Rain ante 1 m.
- V. R. 6 p.
- VI. Inundation at Amsterdam.
- VIII. R. and H. wind a. L. & 10 m. High wd 2 p.

- IX. Wind and wetting m. H. wind 10 p.
- X. f. R. m. H. wind n.
- XI. Very high wd, f. snow and rain 2 p.
- XII. H. wind n. tot. rain 2 p. 3 p. vesp. very high wind n. Shipwrack, a Dutch Vessel.
- XIV. Windy, higher vesp. f. rain 9 m.
- XV. Very H. wind m. R. 10 m. & p. m. smart showrs ante 5 p.
- XVI. Furious Tempest m. tot. & die blowing of tops of Houses and Chimneys.
- XVII. R. ante 6 m. H. winds, f. rain 6 p. 9 p. & ante 12 p.
- XVIII. Stormy wind n. tot. circ. d. h. the Seas near Holland rose 3 inches higher than in 1570. when there was an Inundation.
- XIX. Showres ante 7 m. storm of rain and wd 4 p. H. wind at n. Meteors 3 or 4 ante 9 p.
- XXI. Showr circ. 7 m. & ante 10 m. high wd ante 2 p. R. serious 7 p. 10 p. much complaint of Shipwrack.
- XXII. R. ante 8 m. 10 m. Meteor by h 9 p.
- XXIV. Rain hard post midn.
- XXV. Rain sub vesp. Inundat. at Danow higher by 2 foot than 'twas 35 years ago.
- XXVI. R. ante 3 p.
- H. Feb. H. wind, driving snow ante 3 p.
- Jan. 16. Ex literis pene e tota Europa, constat omnes undequaque fluvios exundasse.
- XXX. Stockholm, within 10 miles, T. M. very terrible for half an hour. Comet at Leopold.
- Feb. VI. At Dover a Swedish Vessel wrackt, Ships scarce safe in Falmouth Haven.

1682. 26. March ad 5 April.

- XXVII. Rain ante 8 p. m. f. gusts, Rain ante 2 p.
- XXVIII. H. wd, scuds of rain ante 5 p. 6 p. 7 p. 11 p. very tempestuous at Plymouth.
- XXIX. Windy, cold, dark.
- XXX. Windy, f. hail ante 11 m. wind and showrs o. 3 p. 4 p. high wind.
- II. Apr. High wind, rise 10 m. 11 or.
- IV. S. rain ante 8 m. mist.

Anno eod. June 5. ad July 25.

- V. f. wind, showr ante o. set to rain 7 p. ad 11 p.
- VI. Windy n. f. drops 11 p. f. dewing o.
- VII. Gusty, drizzle p. m. 2 p. 3 p. frequent showing ante 7 p. so 8 p. 11 p.
- VIII. Boston-Seas outrageous for 2 days past, say the Fisher-Boats.
- X. H. winds, showing m. 10 m. 11 m. S.W.
- XI. H wd n. tot. & die seq. showing 9 m. Pleiades med. C. 1 p. 3 p. Thunder said, vesp.
- XII. Winds, coasting showr 4 p. 8 p.
- XIV. Showr and brisk wd.
- XV. Wind blowing extream, f. days past, several pieces of Wracks and drowned men; at Durham hail and lightning, the like at Carlington in Ireland, destroying Corn many miles round.

B b b

XIV.

- XVI. Showr o. rain at Putney for 3 hours; Dash of rain and Thunder 5 p. D in N. dir.
- XVII. Dropping, a. m. a 7 m. ad 1 p. m. p. winds.
- XXI. f. R. 6 m. and high wind m. p.
- XXII. H. wd m. p. very often showing 8 m. & o. 5 p. 6 p. 9 p.
- XXIII. Coasting showres round, Thunder and great dash 5 p.
- XXIV. *Maxfeld*, Hail and Lightning destroyed the Corn.
- XVI. Smart showr post 6 p.
- XXVII. *Bruxel*, we have had very bad weather like to spoil our Harvest.
- XXVIII. Rain 10 m. 7 m. S E. Wly.
- XXIX. Very high wind, f. wetting ante 1 p. fo 3 p. 7 p. 10 p.
- XXX. H. and stormy wds 1 m. fo m. p. R. circa 4 p. S W.
- I July. Stormy and wet 10 m.
- II. Showr ante 11 m. wetting o. 1 p. 2 p. H. wds a. m.
- III. R. early, die tot. fere.
- IV. H. wind, f. rain, welcom Harvest day.
- VI. Lightning, with, harm done at Sea at *Brighthamsted*. Lightn. tore one House all to pieces, and Fired another. Lightning with us 10 p. terrible.
- VII. Lightning, thunder, rain ante 3 m. showr circ. o.
- XII. At *Anjou*, Dreadful Tempest turned several Villages in that Province topsy-turvy.
- XV. Thunder and some R. ante 3 m.
- XVI. Showr o. & 1 p.
- XVII. Wind, brisk showr 10 m. 2 p. 5 p. 6 p. 11 p.
- XVIII. H. wind and showing 7 m. N W.
- XX. Meteor 11 p. Wly.
- XXI. Wetting 5 & 10 m. R. 10 p. &c.
- XXII. Showres coasting 1 p. brisk showrs post 3 p.
- XXIII. Showr 1 p. & p. m. *Phillipsburg*, with- in a mile a Village mostly destroyed by Lightning.

§ 13. Ha! How dost thou like this Good Reader? Doth it not sound like Drums and Trumpets? doth it not alarm Thee? Alas! I have more of this Nature: For the might of these configurations is not seen, unless we range yet further by Sea and Land to tell more Heavy Tales of what hath been done in old time on the Solid and Watry Pavements of the World. A Philosopher's mind is boundless, sometimes his Pen. So the great Naturalist, *Pliny*, the First of that Name, reads a Lecture upon the *World*, and all its Contents; whatsoever can shew us the stamp of Nature, the mark of a Divine Impress, while we content our selves as hitherto with Storms, Flouds, Fiery Meteors, and such Trade. For which, because we have not done right as yet, to either of the Conjunctions of ☉ with ♀, or ♀ premis'd, which yet may be of profit to Navigation; and because our present ☿ oft-times herds with a ☉ of ☉, & vice versa, on this account we shall produce the ☿ of ☉ and ♀, and ♀ in their several Columns, which done, we shall subjoyn what remains of ♀ ♀.

§ 14. And here is the benefit of our Amplitude, which we make in an Aspect, that we shall not be defeated of our intent by the Calculations of the former Century, how short soever they have been; but our design shall be built up, stand sure and stedfast; becaule in our way we proceed as the good Architect doth, who knows that the longer is the Beam, the more hold it takes upon the Wall, whereas if we should cut to an Inch, or half-Inch, what with shrinking of the Timber, or the settling of the Building, All would come to Ruine. Notwithstanding to confess ingenuously amongst this Triade of Aspects, the ☿ ☉ ♀ was most welcom to us, be cause of a more certain, and a clearer Calculation.

The Forreign Diary of ☿ ☉ ♀ s Tempests, reserved to this place.

§ 15. Anno Christi.

1500. April 23. The Portugal Admiral Capraldis doom in the reach of the East Indies. *Purch.* p. 1. pag. 30.

1517. June 26. Hurricane blew down Houses, pull'd up Trees at *Nordling*; *Lychoft*, p. 133.

1535. May 20. Storms and Tempests that Ships suffered; *Hakl.* 11 p. 212.

1539. August 23. Extreame Tempests, and danger of perishing; *Hakl.* 3. p. 198.

1540. Feb. 11. Tempest, a greater cannot be express'd; *Hakl.* 2. p.



421. From that day to the 20. Tempestuous *lb. cum* ♂ & ♀.
1549. *March 14.* Wondrous Storms and Showrs *præter modum*; Dr. Dee, *Annot. MS. ad annum cum* ♂ & ♀ *in prim.* v.
1552. *Aug. 21.* Hurricane, *Lycosth* 625. *cum* h ♂.
1553. *August 3.* Lat 70. Near *Finmark* Terrible Whirlwinds, *Hakl.* p. 269.
1555. *August 19.* Storms so terrible we knew not the like, though we had indured many since we came out of *England*, *Hakl.* 1. p. 318.
1557. *June 2.* Tempests and much Rain, *Hakl.* 1. p. 334.
1551. *July 15.* Hurricane, rifting up Trees in many places, *Gemma* 2. p. 32. great storms at Sea, near *Volga*, *Lat. 46.* *Hakl.* 1. p. 350. *cum* ♂.
1565. *Dec. 24.* Furious Winds, blowing open the Gates of *St. Pauls*. 8th. Shipwracks on Sea, many perished in the *Thames*; *Stow* p. 659.
1568. *March 28.* Tempests of wind, drowning the Tilt-Boats before *Graves-end*, *Stow* p. 662.
1569. *August 18.* Hurricane, *Gemma* 2. p. 65. gr. 12. ♂ *cum aliis*.
1574. *Nov. 18.* Very tempestuous Winds all night, which *Stow* never knew the like, p. 679. *cum* h.
1576. *March 5.* Flaw of Wind from N W. Tilt-Boat of 21 Persons perished, *Stow* p. 680. ♂ near the *Equator*.
1582. *March 8.* Outragious Storms on the Coast of *Holland*, *Galvis.* *cum* ♂.
1585. *Dec. 23.* Earl of *Leicesters* Tempest going for *Roterдам*, *Stow* p. 713.
1586. *June 13.* ad 16. Storm at *Virginia*, c. *Smith* 1. 9.
1587. *May 27.* Fair, but the *Pinnace* Fore-Mast was blown overboard, *Davis's Voyage*; *Hakl.* Vol 3. p. 3.
1589. *Octob. 6, 7, 8.* Very rough weather, *Hakl.* Vol. 2. p. 160. ♂ in fine.
1590. *August 1.* ad 9. Weather exceeding Foul, much Wind and Thunder, *Hakl.* 290.
1591. *Sept. 5.* Storm, *Hakl.* 2. p. 175. ♂ in *we* 21.
1592. *Oct. 21.* Wind blew extream, *Hakl.* Vol. 3. p. 848.
1593. *April 18.* ad *May 10.* Furious contrary winds, *Carvendish Relat.* *Purch.* 4. p. 1193. ♂ most part of that while.
1595. *Oct. 26.* Storm at Night, separated Sir *Francis Drake* from the Fleet, *Hakl.* Vol. 3. p. 483.
1596. *Feb. 14.* Storm, *Hakl.* Vol 2. p. 589. ♂ *cum aliis*.
1597. *May 20.* Extremity of fowl Weather, *Hakl.* p. 195. *June 2.* Extream Storm near the Bay of *Assumption*, *lb.* ♂ in fine.
1606. *April 20.* *Pascha ventosum* ♂ in ♂.
- April 21.* Vehement Tempests all Night, with Winds, Rain and Thunder in a terrible manner. We were forced to lye at *hull*, *Purch.* 2. p. 686. *cum* ♀ & ♂.
1609. *June 15.* Great Storm, we spent over-Board our Fore-Mast; *Purch.* 3. p. 583. ♂ in *prim.* & ♂.
1610. *March 27.* Terrible Storm. I was fain to spoon before the Sea to save our Lives, *Purch.* 1. p. 242. *Sept. 21, 22, 23.* At *Lesbos*, *Lat. 40.* Winds blew m. and Sea somewhat rough; Mr. *Saundys*, p. 114. *cum* ♂ & ♀.
1612. *Dec. 22.* to 28. Boisterous and stormy; *Purch.* 287. ♂ in *we*.
1614. *Nov. 9.* Rainy and great winds, at *Latham* in *Kent*; *Annot. M. S.* ♂ in fine *we*.
1618. *Jan. 10.* Foul Weather, &c.
1619. *July 26.* Great Tempest at N E. Sail lost by stress of Wind small rest all Night, *Purch.* 1. p. 130 ♂ in ♂.
1620. *July 18.* Foul Weather, &c.
2624. *Nov. 12.* *Styl. Nov.* Count *Mansfelds* Tempest, where his Ship was cast away; *Fromond* 2. c. 3. art. 13. *Galvis.* ♂ in & *Pleades*.
1625. *Jan. 5.* Great Tempest, some Boats drowned in our *Thames*, ♂ in *we*, at the same time Storms of Wind

- Wind in *Norimberg*, and a Steeple in *Eberspach* struck with Lightning.
1626. Jun. 9. Whirlwinds in *Thames* near *Purfleet*, tore up the ground. *Howes*, p. 1042. Dir. 12. Whirlwind on the *Thames* blew up much Water in the Air, the Boats were turned round, Thunder and hail followed, *Howes*, lb.  $\delta$  cum  $\parallel$  in fine  $\simeq$ .
1636. May 29. Terrible Storm and Whirlwind in *Smalcald*, *Norimberg*,  $\delta$  in  $\simeq$ .
1642. Feb. 16. *Queen Mary* embarking for *England*, forced back again by Weather; *Sanders* on  $\delta$  cum  $\varphi$ .
1656. March 27. Rowing Tempest at *Oxford*,  $\delta$  cum  $h \varphi$ .
1660. May 15. Hurricane.
1661. July 20. Very wet and stormy,  $\delta$  cum  $\gamma \varphi$ .
1666. Jan. 24. Hurricane. Sept. 20. High and extraordinary Tempests of Winds and Rain *ante merid.*  $\delta$  gr. 10.
1668. Febr. 16, 17, 18. Tempestuous Winds,  $\delta$  gr. 5. Febr. 29. Furious Winds. Oct. 13. Stormy Winds.
1670. Jan. 25. St. *Pauls* day, Tempestuous Winds.  $\delta$  cum  $h$ . Sept. 4. High Winds, Rain all Night,  $\delta$  cum  $\gamma$ .

§ 16. I know not what will be the issue with my good Reader, since some may say there is too much, and others, that here is not Instance enough. To the First, I shall hope 'tis not unpardonable: To the Second, that it must not be supposed that this can be a Tenth Part of the Evidence may be produced from the Annals of *Europeans*, and that the Maritime Relations of several Countries, enough to convince *Tycho* himself, and all his Academic Suspenders of Assent. I add further, that if any Man will but consider what an Hurricane is, and the Prodigious Violence wherewith it is described by the Attestator, parallel to the Force of Lightning and Gunpowder, which makes the Seaman often complain of some destructive Fiend engaged in the Star. If a man shall consider the Horror of a Shipwreck, or which seems to be next, the perishing on our Rivers, where a Shole of Passengers by hard Fate, are coop'd up in a Tilt-Boat, which miscarrying are arrested by the Dire Embraces of Death; He would not chuse a suspicious day to put to Sea in, nor consult an Astrologer for a day when there happens a  $\delta \odot \varphi$ , that he might then to chuse, pass down in the Boat.

§ 17. This we may be sure of as to Hurricanes, that though we do not Feel such Dire Commotions here, as within the Tropick, yet we have seen and Felt some not blunt and bruit Violences of Winds, which have the Merchants mark of  $\delta \odot \varphi$ .

§ 18. Now we may take a View of  $\delta \odot \varphi$ . As Furious, but not so frequent.

*The Forreign Diary of  $\delta \odot \varphi$ , and the Tempest attending.*

- Anno Christi,
1521. Octob. 24. *Magellans* Tempest, *Purch* 11. p. 43. cum  $\varphi \varphi$ .
1539. Nov. 26. Tempestuous winds, separating our Ships; *Hakl.* p. 407. cum  $\delta \varphi \varphi$ .
- Dec. 11. Cruel North winds broke the Ships, Cable, the Ship bulg'd. *Hakl.* p. 720.
1555. Dec. 13. Water mounted so that we might see it 4 Leagues off, *Hakl.* p. 100.
1556. Jan. prim. Storms of N. winds from *Terra Florida*, and dispersed our Ships in 2 ho. lasted 10 days cum  $\varphi \varphi$ .
1557. Nov. 10. *Ambasis*, Tempest, *Howes*, 629.

1565. June 17. Storm forced us to cut the Cable, and lose both Anchors and Cables to save our selves, *Hakl. Edit. 1. p. 536.*
1568. Oct. 9. Extreame Storm, every hour we feared Shipwrack. *Hakl. p. 556.*
1577. July 19. Divers Storms and Flaws;  $\delta$  una cum  $\delta$ . *Hakl. Edit. 2. p. 65.*
1580. Sept. 25, 26, 27. Great stormy Blasts, *Hakl. p. 842. cum  $\delta$  &  $\varphi$ .* The whole Month was tempestuous *ib. p. 474. the  $\delta$  lasted per totum mens. cum aliis.*
- Octob. 1. ad 7. The same weather for die 4. the Cables broke,  $\delta$  cum  $\varphi$ .
1583. Feb 1. ad 5. Stout Gale, *Hakl. Vol. 3. p. 767. cum  $\delta$  &  $\varphi$ .*
1592. Octob. 2. Stormy Winds at W. N W. near Lat. South 9. *Hakl. p. 849.*
- Die 4. Storm (as the poor Seamen then phrased it) beyond all reason, *ib.*
- Oct. 10. Dark Storm with despair, *Hakl. Vol. 3. p. 848.*
- Oct. 21. Wind extreame, *H. 2. p. 849. cum  $\delta$  &  $\varphi$ .*
25. Sudden Storms, our boat sunk at the Shore, *Hakl. Edit. 2. pag. 329.*
1596. Jan. 25. Wind so great that we could not lanch our Shallop. Sir W. Raleigh. *Hakl. 3. p. 629.*
1597. July 9. Earl of Essex Fleet bound for the Azores, driven back 60 Leagues to Plymouth, Storm, *p. 783.*
1602. May 11. Stormy weather, C. Smith una cum  $\delta$ .
1608. Sept. 26. Mighty Storm on the Bay of Soldania, beyond the Southern Tropic, split our Fore-Course, *Purch. Vol. 1. p. 228.*
1610. May 12. A hard Storm, *Purch. 1. p. 105.*
1615. March 7. Cruel Storm continued divers days. *Purch. Vol. 2. p. 1. p. 80. cum  $\delta$  &  $\varphi$ .*
1619. Nov. 29. Hurricane at Bermudas, blew up many great Trees, and cast away the *Warwich*, 17.  $\odot$  17.  $\varphi$  14.  $\varphi$ .
- Not long after a second, C. Smith *p. 171.*
1620. Sept. 13, 14. Storm at Bermudas with Shipwrack, C. Smith, *p. 190.*
1627. Febr. 24. *Navis 37. cum 4500 hominibus submersa; Galv. (gr. 4.)*
- Dec. 17. Hurricane v. Kepler ad annum: and we have given it before, *gr. 5.*
1635. Feb. 6. Terrible blustering, *cum  $\varphi$ .*

$\S$  19. So have you the  $\delta$  of  $\odot$   $\varphi$  of a terrible unruly Influence, but by the comparing of these two Tables, 'tis hard if we cannot make some estimate. It appears that the  $\delta$  of  $\odot$   $\varphi$  is more prone to lend us a Hurricane then that of  $\varphi$ . Hence (which I am glad of) the old Character of  $\varphi$  is justified, even in Capital Letters; That it is rather an exciter of *Turbulency*, than  $\varphi$ : For  $\varphi$ , I suppose blusters with some quarter, sends a Boat on drift, but the *Mercurial* Hurricane hath the dead-doing Influence, Hurryeth a Vessel to the bottom, as if in reality the Fiend were there, *Abaddon* or *Apollyon*; who hath the Power of Death: who, though he have not a hand in the raising of these violent Effects of Nature, as *Bodin* and *Helmont* will have it, (for I cannot believe that there is a Fiend lodged in every blast of Fired Gunpowder) yet nothing hinders but that the infernal Spirit may make use of a Tempest which is raised to his hands, always willing to be one at mischief. But this may be out of the way; only I thought good to Start it, that Men may rightly value and measure the Heavenly Bodies and their Influences, that we may look no longer upon them as Objects of a doting Theory; as for the most part Astrology is censured.

$\S$  20. Now let us see what an Hand a  $\delta$   $\varphi$   $\varphi$  hath in Storms, premising their Diary also.



## The 2 2's

## Anno Christi.

1522. Febr. 11. A North W. wind in the Prow of the Ship would not suffer us to pass the Cape of B. Speranza, *Purch. Lib. 2. p. 452. 2 2 per mens. totum.*
1539. Nov. 26, 27. Northwards tempestuous for two days; Cortez his Ships lose their Company, *Hakl. p. 407. cum 2.*
1540. Jan. 9. 2c. Tempest from the North, driving back 20 Leagues, *Hakl. 415.* if we had been in Harbour we should have been cast away, *p. 416. 418. una cum 2.*
- Febr. 1. Wind boisterous, the Seamen glad to return, *H. p. 420.*
- Febr. 11. A Wednesday, A greater Tempest saith the Seaman cannot be expressed.
1545. June 25. Hurricane in Devonshire, whereby Trees were overturned, Churches, Chappels, Houses uncover'd, *Stow, 589. 2 in 2.* Note that 2 was then but 12 gr. distant from 2.
1547. Nov. 21. hor. 9. *Ventus Vehementissimus, una cum 2.*
1594. June 6. Storm, Dr. Dee's *Annot. ad mens.*
1553. Aug. 1. Terrible Whirlwind, we were not able to bear any such, *Sir H. Willoughby in Hakl. 1. p. 235.*
1554. August 9. Antwerp, Tempestuous, N W. wind blew the Governour and Family in their Coach off the Bridge into the Water, *Stadius* himself rarely escaped from being crush'd with the fall of a Tree, *Tab. Berg. 203. 2 in fine m.*
1558. May 12. Dangerous Tempests in *Mare Caspium*, for 44 ho. *Purch. Vol. 3. 198. cum 2.*
1662. Jan 21, 22, 23. *Horrida ventorum Tempestas Gemma 2. p. 40.*
1573. August 2. Tempestates horrend. cum Ventis assiduis, *Gemma 2. 169. 2 in m cum 2.*
1576. August 24. ad 28. Very much wind like to lose our Bark, *Hakl. Edit 2. p. 72. cum 4 una cum 2.*
1577. July 4. Friezland, Boisterous Winds, *Hakl. 3. p. 33. cum 2.*
1580. Sept. 5, 6, 7. Happy the Ship in Harbour, *Hakl. 474. cum aliis.*
- Sept. 12. ad 17. Very tempestuous, 2 2 per tot. mens. 10 die 25, 26, 27, 16.
1582. Dec. 27. Foul Gale of Wind, *Hakl. 1. p. 613.*
1586. Sept. 6, Mighty Storm, very extream, lasted ad diem 10. We intended to cut down our Masts, *Hakl. Vol. 1. p. 786. cum h 2.*
1587. Octob. 8. ad 14. Storm, in Six days drew us further than we could recover in 13. *Sir W. Raleigh. Hakl. Edit 1. 270.*
1589. Aug. 17. Wind blew hard at Virginia, C. Smith p. 15. Great Storm at night, die 19. *Hakl. m.*
1592. Octob. 10. Dark, stormy, was furious with despair, *Hack. Vol. 3. p. 148. cum 2.*
1594. March 21. Hurricanes, tearing divers Trees, Barns, monstrously and incredibly in several parts of England, *Stow, p. 766. 2 circ. prim. 2 cum 2, 2 h 2.*
1595. Dec. 19. The Foul Weather which Sir Francis Drake verifies to his small 2, lies under this 2 una cum 2, being scarce all three gr. distant.
1606. March 21. Stormy Gales of Wind, and much Rain, *Hakl. Edit 2. 589.*
1597. June 17. Stormy Weather, *Hakl. 195. 2 in fine 2 una cum 2.*
1605. Inter Sept. 26. & October 5. Storms to our great Peril, looking always we should be wracked, *Purch. Vol. 4. p. 1257. cum 2.*
1606. April 21. Vehement Tempest all Night, with Wind, Rain and Thunder terrible. *Purch. Vol. 4. p. 1686. cum 2.*
1606. Nov. 24. Storm furious, that we drave before the Wind 3 leagues *Purch. 4. 1282.*
1609. Dec. 22. ad 27. Boisterous and Storms.

1610. *April 2.* A Storm, we were forced to bear up before the Sea, *Purch 3. 231.*

*July 15.* Very stormy, *Purch 4. 1759.*  
♂ in ♀. cum ☉.

1618. *March 1.* at *Jucatra* arose a Tempest, *Purch. Vol. 1. 677.* ♂ gr. 8.

1620. *Sept. 4.* Great *Tuffon* over set Ships, and sunk them down suddenly, *Purch. Vol. 4. p. 641.* ♂ gr. 9.

1637. *Octob. 7.* Great Tempest in the *Frisian Sea*, *Kyriander.*

1640. *Sept. 23.* Stormy wind and great Floud in *Dresden. Kyr.*

1640. *Nov. 11.* Dark, tempestuous when his Majesty King *Charles* the First escaped from *Hampton Court. H. I.* ♂ gr. 9. cum aliis.

1651. *Feb. 22.* Tempestuous una cum ☉, ♂ gr. 2.

1663. *Nov. 7.* Dreadful Storms at *Tunbridge*, ♀ ☿ both R. cum aliis ♂ gr. 5. cum ☉.

1669. *Oct. 31.* Tempest Terrible cum ♀ ☿ ♂ gr. 11:

§ 21. Lo! How our ♂ ♀ ☿ is stormy; 'tis against the Hair to say that that a ♂ ♀ ☿ is as stormy as ♂ ☉ ☿, for that were to equal ♀ with ☉ which the System of the World it self will not indure, and Experience rejecteth, as by comparing the *Mercurial Tables* will be seen. ♀ and ☿ conjure up some Hurricanes, but ☉ and ☿ do more. It will be objected that if ♀ and ☉ be not so boisterous as ♀ and ☿, then ☿ is brisker than ☉ himself. And that being absurd, we must say, that ♀ and ☉ are like to the Eye and the Spectacle; the Glas is not greater, i.e. Nobler than the Eye; and yet the Eye armed with the Glas, sees clearer than when it is consider'd by it self: And in our *Simile*, as there lies much in the Vicinity of the Convex Glas to the Eye of one side, and the Vicinity to the Object on the other: So there is much in the Vicinity of these Planets, first to the Sun, and then to the Earth, the object as it were of their Influences: And we promised to evince this from those rare Nicks of time, when ♀ and ☿ are both Retrograde; or one only, while the other is in his Station: (I have but two Instances as yet) the Effects are dreadful, witness that 1620. *Sept. 4.* and that 1663. *Nov. 7.* assign'd the one by Sea, the other by Land. The reason being no other then what we have, that the Retrograde Course argues their Vicinity to the Earth, much more then the Direct: The Astronomers will tell you how many Miles.

§ 22. 'Tis obvious to note, that as in a ♂ ☉ ☿, so in a ♂ ♀ ☿; we sometimes give a fair account of a whole Months Constitution, or more; as for *February, Anno 1522. Jan. 1540.* the Mouth of *September 1580.* we have given a hint of other Planets that have been guilty of the Ryot, the ☉ and ☿, and sometimes ♂ and ♀. To prepare the Reader to expect Storms from all Quarters of Heaven; and that there is no such thing as a *Pacifick Sea* under Heaven, as *Magellan* himself also found after 3 Months time in that very Sea which he so named.

§ 23. Wherefore I reckon I have done not much amiss to introduce these 3 Tables immediately foregoing, since the one gives Light to the other ♂ ☉ ☿ Rages, when ♀ it may be is a Well-willer. A ♂ ☉ ☿ rages when ☿ is not far off; and a ♂ ☉ ☿ Rains and blusters, when ☉ by his Vicinity shews his Interest in the Effect. So that I cannot but commend to the Mariner, even after every Storm over-blown, and thanks to their Preserver, to consider as a rudiment of Celestial Knowledge, how ☉ and ☿ and ☿ interchangeably bear to one another. In VII. years time he will see he hath Reason to observe more then Lunar Aspects come to. For that is well, yet that is as old as *Noahs Ark*; and what advance hath the Navigator made I beseech him for these 3000 years and upwards? 'Tis Pity.

§ 24. *Stadius*, I confess, gives away his Hurricane (for it was no less) to the rising of ♀ and ☿ with *Arcturus supra Anno 1544.* but he had done  
no

no wrong, if for fury sake he had quoted other Witnesses, viz. this of our present Aspect.

¶ 25. Let us dispatch the remainder, for its Influence in Comets, which are but Few, and Fiery Meteors which are more Plentiful, and then we come in sight of a Conclusion.

Comets then have not many Instances.

First, Anno 1506. April 11. lasted 25 days, Ricciolus,  $\delta \text{ } \varnothing \text{ } \varnothing \text{ } \text{gr. } 10. \text{cum } \delta \text{ } h \text{ } \delta$ .

Anno 1530. August 6- to Sept. 3. Ricciolus,  $\delta \text{ } \varnothing \text{ } \varnothing \text{ } \text{cum aliis}$ .

Anno 1557. August 6. usque ad Fest. Barthol. Stad. Bunting,  $\delta \text{ } \odot \text{ } \varnothing \text{ } \varnothing$ .

Anno 1578. May 16. Lubiniee,  $\delta \text{ } \varnothing \text{ } \varnothing \text{ } \text{in } \simeq \text{cum } \odot$ .

Anno 1582. May 15. Stow. p. 695.  $\delta \text{ } \text{gr. } 12. \text{cum } \odot$ .

¶ 26. This last Comet, though I meet it not any where but in Stow, yet we know no reason to question it, any more, then those of the same year which appeared elsewhere in March, as may appear from our Celestial Evidence, both there and here. For three of these Comets happened pat in the day of our Conjunction, or very near; So that no question here is some Influence. ¶ See the Table of  $\delta \text{ } \odot \text{ } \varnothing$  upon this Head.

¶ 27. What if a Man should not let pass the Co-incidence of the same day in the Month, Anno 1530. 1557. 1578. 1582. It may be a Meditation for Gassendus.

#### Some Fiery Meteors.

¶ 28. Anno Christi.

1521. October 24. Alvarez the Portugal Admiral for the discovery of the East Indies, Tempest with 3 Lights, whereupon the Storm ceased, Purch. Lib. 2. p. 43.  $\delta \text{ } \varnothing \text{ } \varnothing$   $\odot$ .

July 15. Lightning fell on the Town of Billay. T. G. P.

1551. Jan. 13. Lightning in many Places of Germany, with apprehension of Doomsday, Lycosth. 611.

1554. Febr. 19. Trabs ignea in Thüringen, cum variis Circulis coelestib. 674.

March 10. At Schalon in France, Ignis ardens, cum fulgure, Lycosth. 636.

1555. Dec. 29. At Voiland, lb. 11. nocte, Lightning destroying Churches, so at Willenburg, Stanburst, Lyc. 649.

1563. Dec. 1. ad 13. Winter Lightning unparallel'd,  $\delta \text{ } \odot \text{ } \varnothing \text{ } \varnothing \text{ } \text{cum aliis}$ .

1569. July 13. Thunder, with Hail as big as the Fist, Gemma 2. 64.

1582. Dec. 29. Lightning, Thunder, Hakl. V. p. 663.

1604. Sept. 16. Calum arsit. Kepl.  $\delta$ .

1607. April 16. Lightning at Coventry, with Rain, and unexpected Flood, How, 889.

1611. Jan. 1. In the midst of Frost and Snow, Lightning and Thunder, Calvis.

1616. Nov. 8. Rain hard, with Lightning and Thunder, Purch. 1. p. 105.  $\delta \text{ } \text{gr. } 7$ .

1618. March 7. Flame over the Palace of Paris a Foot long, and 2 Cubit broad, fired the Palace Howes, 1029.

1622. May 21. Meteorum prodigiosum, as before in Kepler.

Dec. 23. Chafms, Lightnings, lb.

1623. Jan. 29. Calum ardens.

Mar. 19. Lightning, Kyriander.

1624. Aug. 18. Lightning and Thunder, Wilsford.

Nov. 2. Lightning and Thunder; wonder'd at by Fromond, after Cold Weather. p. 67.

1625. Mense Julis; At Norimberg it Thundred Days in number 15.

Kyri-



- Kyriander, ☿ cum ☉ 8 or 9 days  
elsewhere, at *Ratisbon*, *Lintz*.  
1635. Aug. 31. Thunder and extreme  
Rain for an Hour, ☿ gr. 7.  
Sept. 9. vesp. & noctu, much Light-  
ning.  
1637. Sept. 10. Terrible Thunder in  
*East Friezland*, Kyriander.  
1639. Jan. 30. Chafma.
1646. June 26. Thunder and Rain,  
☿ gr. 4. cum ☉.  
1642. Jan. 22. Thunder and Fiery  
Meteors, harmful, at *Hanover* Ky-  
riander, ☿ cum aliis.  
Jan. 27. Thunder, Wind, Earth-  
quake. Id.  
Feb. 17. Thunder and Storms, ☿  
gr. 8.

§ 29. I confess much of this Gear is fetch'd from *Germany*, which is a different Country from ours; but what then? A Liberal Science is univer-  
sal; I write for the World, and Mankind, if I could do it Service, I should  
have my Guerdon. And let no man say in this or any other Instance, be-  
cause ☿ ☉ ♀ is always within call, that it is the Aspect which is the *Fac to-  
rum*; For I shall desire that man only to look on ♀, and then on ☿, and  
then let him say, whether ♀ looks not as Fair, or as Foul; or what you  
will call it, as Potent as her Lower and less Copesmate. Beside the  
consequence is good, if ☉ ♀, or ☉ ♀ have Influence in Conjunction; then  
♀ ♀ have the like. For I hope we must not be put to win our Ground by  
Inches. If so, we are ready to do it.

§ 30. If ♀ and ♀ then are so boistrous, then we look for some Earth-  
quakes here too; Earthquakes and Flouds.

#### *Terra Motus.*

##### *Anno Christi.*

1559. Sept. 14. Earthquake at *Con-  
stantinople* for 18 days, *Lycost*, ☿  
cum aliis.  
1554. March 21. hor. 12. At *Lorvain*  
an Earthquake with great noise.  
1571. Feb. 17. At *Kinaston* in *Here-  
fordshire* a terrible noise, the Ground  
opened, an Earthquake 4 days,  
*Stow*, p. 668.  
1618. March 12. Terrible Earth-  
quake in the *Indies*, ☿ gr. 10. in  
✕, cum aliis.  
1621. May 25. An Earthquake in
- Burgundy*, *Kepler*, ☿ gr. 9.  
1626. Feb. 6. *Unarupium Gamundien-  
si imminentium finidi & in contrari-  
a descendere visa est. Kepl.*  
1627. Nov. 14. *Eräheven*, Kyr. ☿ cum  
aliis.  
1629. Aug. 1. Great Earthquake in *Al-  
pius Rheticiis*, Kyr, ☿ gr. 9. cum ☉.  
1636. Sept. 16. Earthquake, Kyr. ☿  
una cum ☉.  
1642. Jan. 27. Thunder and Earth-  
quake, ☿ gr. 3.  
1644. Feb. At *Marfeilles*, Kyr. ☿ ♀  
♀ per mensem totum fere.  
1645. Sept. 12. Earthquake in *Thu-  
ringia*, Kyr. ☿ una cum ☿.

§ 31. But the Close of all is Inundations, to do the Arabs some credit.

1501. Aug. 14. The River *Albis*, *Lycost*. ☿ ♀ ♀ cum ☉.  
1549. June 23. Incepit imber saith Dr. *Dee* in his notes on that Month, the  
most violent since *Adam*, a *Conditio Munda*, ☿ near the Tropic, cum  
☉ ♀ ☿.  
1551. Jan 10. At *Marpurg*, great Inundation, *Lyc*. 611. ☿ in Trop. cum  
aliis.  
1552. Aug. 13. At *Budissina* near the *Sudetes* (Mountains) Cataracts harm-  
ful, *Lyc*. 625. *Peucer* 240. ☿ in ☉.  
1579. May 27. *Whitunday*, great Rain and High Water, after a Cold  
and dry time, *Stow*, 788. ☿ in ☉ princ.  
1579. Febr. a Die 10. Continued Rain, caused high Flouds in *Westminster-  
Hall*, *Stow*, 689. ☿ in ✕.

1595. *Febr. circ. 23.* Inundation at *Frankfort*, prodigious, above that of the year 1573. yea, Inundations throughout all *Germany*.  $\delta \odot \varphi \varphi$ .

1598. *Circ. Dec. princ.* Prodigious Inundations at *Rome*, greater than that of *Ann. 1530. Thuanus*,  $\delta \text{ una cum } \odot \delta$  in 1.

1607. *April 16.* Strange Floods at *Corventry*, unexpected, *Howes*, p. 889.  $\delta$  in 12.  $\varphi$ .

1611. *Nov. & Dec.* By continual Rain, Waters higher than in memory of Man, much harm done. *Purch. L.* 3, 323.  $\delta \text{ una cum } \delta \text{ per mens.}$

1626. *June 6.* *Pluvia Copiosissima*, *Kepler*,  $\delta$  gr. 12.  $\delta \text{ \& gr. 10.}$

1640. *Sept. 23.* *Großer Wasser göußt in Dresden*,  $\delta$  *prope Equinoct. Kyr.*

1643. *Febr. 6.* The *Maes* overflows. *Calv. Append.*  $\delta \varphi \varphi$  in  $\approx 27$ .

1645. *March 8.* Rain, Thunder Floods, *variis in locis*,  $\delta$  gr. 3. *Kyryander*.

*Sept. 4.* Weather extream wet before Spring,  $\delta$  in  $\Delta$ . *princ.*

And is not the Character made out now concerning Floods given by *Alchindus*, and all the Tribe? We that are Well-wishers think it is.

$\S$  32. And these inclinations are, and have been manifested to the World, though Poor Astrologers talk to the Winds.

$\S$  33. All this while I have dissembled the Force of our home Testimonies from 1676. downwards, for Constancy, yea and excess of Moisture; they speak as home as Heart or Art could wish; For do you Find any year to come short? Doth *Anno 1672.*? Let that be one, how many more ones will you find? Do you find any Aspect to come short? two or three is the most, and whilst you look for them, you will find so much moisture in the other parts, so encompassing, so catching, that you will scarce have a dry thred about you. For you cannot but mark the Frequencies of the Showres the same day twice, 3, 4, 5 times perhaps in an afternoon, &c. I was willing to admit the Sextile of the  $\delta$  to contribute to such frequencies, and something they do, but  $\delta \varphi \varphi$ , they are the Sprinklers, the Water-Pots of Heaven, which teach the Art of Gardening so far, that in warm Seasons we may often irrigate our Nurseries, *Sepe parumque*, as the *Salern* School teaches us to moisten our Bodies.

Next mark the Store, like  $\odot$  and  $\varphi$ , but far beyond it in liberality. Next the Amplitude of the Aspect, for 10 degrees before and behind, justifying it self by the Pertinacy of the Constitution throughout all the Term.

Then for the extremity or Violence, you shall find some years emulous of the Forreign extremity oft-times, where  $\varphi$  is Retrograde, or Stationary, as we here observed in the Forreign. Nay, I leave the searching Reader to find whether some years among us make not as great a noise as those from *Purchas* or *Hakluis*, or any other. To name that of the Close of *Anno 1681.* and the First Month of 1682. where we have some forreign Instances interspersed, and some of our own as cruel as they.

$\S$  34. Now this is the Aspect that never serves *Keplers* turn, he accepts not of their Service when they bring Showre and Tempest at their Heels, as *July 27. Anno 1625. Parum tribuendum* (saith he) *differentia Latitud. ad 4. gradus*, and yet on the precedent day he tells us of Thunder, the next day *Tonuit Longum*; and the precise 27. day *per tonuit*: So elsewhere harmful Lightning, *Fulminata loca. August 29. 1621.* and then the  $\delta$  again very laxe and Wide, and useles; *Discrepant Plagis Latitudinum*, because  $\varphi$  was gr. 4. Southerly, and  $\varphi$  gr. 6. North. But this is the Error of the necessity of a close Conjunction which many times is enervated (say I) by its too neer Cohesion. He reckons a Conjunction where ever the desired effect appears not, to be loose, though but at 2 gr. distance, as *Anno 1621. May 14.* Heat and a Rainbow, which imply Showr, did not answer expectation. But gr. 2, 3, 4, 5.

of Latitude, will not evacuate the force of a  $\delta$ . That of *August 29.* above quoted was *gr. 3.* distant. And in *March 21. Anno 1623.* there was *gr. 4.* difference, and that in *diversis Plagis Latitudinum*: What? *Febr. 26. Anno 1627.* he acknowledges an *Apertio Portarum* by a  $\delta$  ☿ ☿ at *degr. Lat. 9.* and that when one was on the North, and the other on the South. And yet I have not urged from *July 24. Anno 1624.* where the *Tempestas magna* is raised, and never another Aspect nearer, whereupon my Worthy Man is silent, and gives no distinct account (except for two of the later days) the whole Month throughout. And further I take notice where he rejects our Aspect one day, because of a failure on the very day (forsooth) at the Month's end. Yet now I pray see how *Tempestas & horrida Fulmina* made him glad to embrace it at the beginning of the Next. *May 1. S. N. Anno 1629.*

§ 35. May I now consider the Astronomical motions of these Planets, then let me for a close, take notice of their admirable turnings and windings, not to fill up Paper, or increase the Bulk of a weak discourse, but by the way of Entry, and disposition of the Reader, to clear his Eye-sight, that he may behold those Objects which Nature calls great. The Divine Being foresaw there would result such a Variety from such an order, and thereupon enacted it should be. We may remember that both these Celestial Bodies are capable of Retrogradation, whereupon they meet together, sometimes in the Direct Course Both, and other times in the Retrograde, and that for the most part Alternately. And all this for the interest of the Change of the Air, and its Variety; in as much as the Retrograde Place is nearer to the Earth (as before in ☿) and therefore more forcible. This you will believe when you shall find that when they are in Conjunction, and both Retrograde (which had need come but seldom) they make a Bustle. But of this else where. In the more frequent Congresses where there is a single Retrogradation only; we meet with weather sometimes, I can tell you, extreme also, and every Second year two or three of those Conjunctions, one on the Neck of another. Whence let the Astrologer note, that when ever ☿ turning short, happens to ingeminate his Conjunction in less than a Month's time, as oft-times he doth; there he may find reason to reckon it a whole continued Aspect in all the intermediate Space; the whole Month becoming his Quarter.

§ 36. Who can chuse but take notice also how these two Planets, when in  $\delta$  do start aside one from another 1, 2, 3, 4, 5, 6. in Latitude, especially ☿, even sometimes to 7 degrees distance. And may not I observe, in favour of the *Tychonike System* now, that this extraordinary starting of ☿ doth always accompany her retrocession, thence conclude I that the one may be as real as the other, but the latter is not pretended to be solved by the motion of the Earth, and therefore, I fancy not the former.

§ 37. But that which amazes me most is the enquiry after a Revolution when a  $\delta$  ☿ ☿ shall happen in the same Sign, on the same day of the year near the same degree, so that ☉ and ☿ and ☿ shall all three lodge in a Bed; As *Feb. 1. Anno 1663. Grad. 22. of Aquary.* When shall it be so again? Perchance hap it may, but with no chain of Revolution. ☿ returns in 8 years, ☿ in 13. the  $\delta$  in 19. because their Dance is meted out to them; but ☿ and ☿ with the ☉ cannot easily meet again till they have run out their first undertaking; wherefore Artists that tells us the one. *Kepl. Epit. Astr. VI. Cap. 5.* are silent in the other.

§ 38. At length we have done, and presented the Reader with what we have to say, not any Dreams of fanciful Men, but honest Lectures of watchful Observers of the great Folio of Heaven, to whose Creator from the considering part of the World at least (for 'tis time to close) all Glory for ever, to which I hope these Speculations do contribute.

CHAP:



## C A A P. IV. Conjunction of Sol and Mars.

§ 1. Transition. 2.  $\odot$  of a sore Influence. 3. *Πυγγεις*, a quick terrible Planet, of old reputed. Plato explained. 5. Notwithstanding the Planet is no Bug-bear. 6. Droughts prodigious, not frequent. 7. Nor raging distempers. 8. Civility to Truth, though a Stranger. 9. A Star! Hot and dry with the Arabs. 10. But also inclined to Wet in our opinion. 11. Dry, it maybe, but not absolutely such. 12. Some cause assigned of droughty Seasons under this Configuration. 13. Aptitude to Storm,  $\odot$ 's prime Natural Influence. 14. His slow motion prevents the frequency of his quarelling. 15.  $\odot$  in vulgar speaking, hotter than the Sun it self, and more Turbulent. 16. Objection to that. 17. Answ. The Direct Ray with the Reflex, is more than the Direct alone consider'd. 18, 19. Frosty Winters, &c. under this Aspect. 20. Are no blot in the Martial Escoccheon. 21. The  $\odot$  proclaims the Planetary Inclination in hard Winters, for the time more than a  $\odot$ . 22. the Violence of the Aspect by the kindness of Providence is not so frequent as those among the Inferiours. 23. Therefore in vain do we seek for Droughts, to prove our Aspects Character. 24. The Martial Heat is visible in Droughts to Sense, in Storms and Winds, visible to Reason. 25. A foggy Morn in Summer, or a showry day infer Heat.  $\odot$  acknowledged to conduce to Fog. 26. Evidence of Wet. 27. Breviate of the Diary before hand conc. Wet. 28. Benefit of a Prolix observation. 29. Superiour Planet slow, but sure. 30. Argument to prove our Aspect concerned in the Wet. 31. and in the Fog. 32. The modern Astrologers avow Wet in aqueous Signs at least, our Opinion of their Method. 33. Remainder of the Breviate. 34. Search into Natural Texture, intricate, Fog, &c. imputable to our Aspect. 35. The nicety of Nature in snow, Generation of Hail belongs to  $\odot \odot$ . 36. Prognostic not evacuated by the confest intricacy of the Contemplation. 37. The large Diary. 38. Mars is a malignant Planet. 39. A Foreign miscellany Table of the Aspects effects. 41. The Violence of Mars more clearly shews it self in the following Configuration. 42. Something of Comets. 43. Storms. 44. Blasts scorching and burning. 45. An essay to the cause of the Currents in the Ocean.

§ 1. SO have we done with the Inferiours and their matches amongst themselves; Let us now see the issue of an inferiour match'd sometimes, with a Superiour House,  $\odot \text{ h } \text{ u}$ , the First of which in order of nature and our method is Mars.

§ 2. The Planet Mars through all Ages past hath been reckoned one of the *Grandees* in *Etherial* Regions, of a sore Influence, and those ill consequences that are wont to take place under *Hot, Dry, fervid* Constitutions.

§ 3. The Truth is, if that helps, it looks *Red* and *Fiery*, whose Name of Old was therefore *Πυγγεις*, in *Plato's Timaeus*, and the Modern *Habrews* addicted also to *Astrology*; after the *Heathens*, have learned to call him *מאדים* from the same *Red, Fiery* hue.

§ 4. But there is more in it than the Lustre, there is the Operation and  
Experi-

Experience of That, the *Fervors* that issue from thence in Spring and Summer Seasons : For so *Cicero* long ago in his excellent Book *de Nat. Deorum*, having occasion to describe the Planets, saith of our present Planet, *Mediterranea Martis [Stella] incendit, ignea ardentisque natura*, saith *Pliny*, the Mouth of all his Antient Predecessors. *Soyezus dicitur*, saith *Porphyry*, *Martis Stella rapax*, A Rampant Star, saith another. *Proper.* the Astrologer in *Lucan*, *Tuq; o flagrante minaci Scorpion incendis canda*, &c. because  $m$  is reckoned our Planets House; whence *Virgil* also makes the Sign or Afterism *Scorpius* to be *Ardens*, for *Mars's* sake. But *Tully* in the fore-cited Book, saith of *Mars*, that he is Terrible, *Rutilus horribilisque terris*, and *Macrobius* from him; which is the Highest and fullest Testimony, though all the precedent intend as much, wherein the Philosophers (for such was *Cicero*) pronounced his own Sentiments and the Ages, without any cautious restriction of *ut dicitur*, *ut ferunt*, and yet not over Credulous to believe every idle report; nor in matter of Philosophy would he have took *Plato's* Testimony alone, (though that also is not without its Weight, as founded on the experience of Ages precedent) had not the following Ages from *Plato* downward to *Cicero's* time agreed in their Suffrage. But *Plato* talks higher of *δ*, *οὐρανία*, which gave occasion to *Tully's* expression. What Fears you will say? I answer, agreeable to his Hor, rampant Character, long and contumacious Droughts, and Wants of Rain, where all Verdures by the immoderacy of the Season, is parch'd and burnt; *Languors* and *Faintings*, *Feverers* and *Contagions*, at certain years depopulating Towns and Cities by Pestilence, which they attribute to the Angry Heavens, among the Planets to *Mars*, and to *Syrus* among the Fixed Stars. All which *Ptolemy* recounts on the Character of  $\delta$ , when in his Dominion.

§ 5. But sure the noise could not have bin so loud, since no Planet can be always extream, but that overlooking the more temperate and remiss intervals, they made sure to transmute the Fame of the more notable Excesses only. Hence we, poor Posterity! Believing and admiring those rare Events, are afraid of the conceived Dominion of the Planet, because we think he is always such as he is void'd to be. But this Fear ought to be corrected; for it is easie to bring, in less than an 100 years, above a hundred merciless Storms, which in their times happen in several parts of the Ocean at New and Full  $\delta$ , and yet, for all that, Navigation, with Gods Blessing, goes prosperously on. Because those Phases of the  $\delta$  are not always out of Humour, but for the most part send merry Gales to the Seamen; yea, and sometimes even a Calm. So that howsoever the Antients have represented the Planet  $\delta$  for an ill condition'd Creature, it is not to be understood, but that like our English Mastives, they may be seen to fawn sometimes upon the Stranger, and have the name of a gentle Creature.

§ 6. For as full as the Antients are of the definition, the Meadows and Pastures are not always parch'd into a Desert, nor the Grass Crumble under our Feet; 'Tis not always the Men or Cattle languish and dy for Thirst, whose Watring places have forsaken their Vallies, whose Rivers are exalted into a Fuliginous Atmosphere: There are but few Instances in any part of the World of Forests Fired by heat Celestial; some there are, I grant, besides, the Story couched under the Tale of *Phaeton*, as *Ensebius* records it.

§ 7. Nor do the sad Revolutions of Pestilential years always perplex the Inhabitants of the more intemperate Climes, the more indebted is the World to a Gracious Deity, that Infinite Intelligence that moves the Spheres in such Harmonious Measures, whose harsher notes are often interrupted by Pauses and Respites; yea, and a more equal mean; not too High, nor too Low. Besides that, we who live in more Temperate

Climes, are often refreshed with Rain and Moisture, and fann'd with cooler Winds issuing from those priviledged places, the *North parts*, those *Purlews* of Heaven, where Planets in their greatest Amplitude never yet dare shew their Head; where Clouds obnubilating the Face of Heaven, shall skreen the Sun from us, and cool Water shall be cast into our Faces, least we faint.

§ 8. But here's the inconvenience now, we are apt to *question* all Authority of our Fore-Fathers, because God hath seated us *better* than those Nations, whose great Observers have testified the Truths they have experienced. But can we believe no Truth but what we smart under? Must we not be convinced of the *Pestilential* Infection, till we are snatched away by the Contagious Converse? I have known some so *sceptical*, but they got nothing by it. If Truth be a Stranger to us, as sometimes 'tis, 'tis a part of Civility to own and entertain a Stranger, as knowing not of what descent he may be. Must I be uncivil to a Person because I am not known to him? Who is so happy as to be acquainted with all Truths? He must be sure of all Perfections, and have lived in all places, who can pretend to it. Say we, then what is ♂ to us? How Powerful is his Ray or Aspect?

§ 9. Truly the same, perhaps, as with the Antients, a *hot* and dry Star, the Antient definitions run most upon Drought, and make no mention of Rain scarce; (we had that it seems under ♀ and ♀) and scarce the *Arabs Table* speaks of Dryth throughout every Sign, *multus calor, Siccitas aeris*, only we excepted, and there he will allow us a little moisture, *Album. apud Escuid.*

§ 10. Now though there be some necessity of asserting ♂ to be Friend to Moisture, as before we have pronounced, *Lib. 1. c. 9. § 31.* Seeing experience gives it (in our Latitude at least) yea seeing the Elevation or *Mamareth* of ☉ above ♂ brings a competent Moisture (though the Elevation of ♂ above ☉ they will have to be droughty) in the *Arabs Table*; lastly, seeing *Ptolemy* himself excludes not all Wet, but supposed Violence of Wind and *Dalhings* (βερη is his Word) which must imply some *Violence* (as in our Lords *Parable* of Rain, Flood) when joyned with ἡ ἡσ πνυδουτος εὐρινοῦσι to say nothing of Thunders, which draw in Wet also, yet this notwithstanding I must not deny, that even in our *Dropping Northerly Latitude*, ♂ appears still a drying kind of Planet (as the Course of Nature goes, and Art requires no further) abounding, I mean, many times with more days of dry than wet. For take our *Martio-solar Table*, and compare it with our *Home-Evidence* of ♀ and ♀, and the Observations shall seem as if they were taken in different Climes, a *Dry* and a *Moist*, a *Northern* and *Southern*. 'Tis a piece of Entertainment to observe the difference. For view our next large Table, too large, but that it is in order to settle the Notion and Definition of this Signal Aspect, where some difficulty meets us, and you shall find Dry, *Glose* Weather, and Fog and Heat prevail, only sometimes again it makes a start into a *Storm* or *Dash* with High Winds, or *Thunder*, but scarce to equal the Moiety of the many days comprised in the Table, or if so, far be sure from the *Fecundity* of ♀ and ♀, who have got the name for the moist Aspects, and if our Tables be not vain, deserve it.

§ 11. But I can never be brought to say, as dry as ♂ is, that He is absolutely dry, that he resists Moisture, or contributes to Serenity; I find him so often at a *close* Air, which dry, though it be, betokens his Months Mind to something of Moisture, though he must not, as Providence will have it, always accomplisht it.

§ 12. For verily when we meet with an exprefs droughty time, as *An. 1667.* where the Trees in the Gladsome Month of *May*, looked of a *Fueille-de-Mort* Colour. So *An. 1669.* when Rain was desired in *June*, yea the



the last year, *Anno 1684.* when all the Leaves in Summer time hung shriveld on the Trees; when poor Cattel were at their *Christmas* Fodder, the scorched Grass presenting all the bald places of the Earth, I find no fault in our Aspect, but the same *Remora*, or Suspenders of Moisture, *viz.* ♃ and ♀ in the Sign immediately preceding, in both the former years; and the immediate Vicinity of ♃ ♃, *Anno 1684.* as will be declar'd in due place; so that we may solve it thus, Dryth and Serenity when the Aspect is not assisted, Dryth with an *aptitude to Storm* when it is prohibited by some counterpoise.

§ 13. For an aptitude to Storm must be allowed to ♂, and for all as I know, its *prime natural Influence*, seeing we are willing, and can easily solve the contrary appearances, mostly taken notice of by the Antients, because of their *Hot and Dry Clime*, and the like.

§ 14. For we must remember that ♂ is a slow-paced Planet, and goes along with the ☉, near upon, as ♀ doth; so that within 5 degrees of each side of the ♂ (and I could not allow less) he spends a Month at least before he is unconcerned with the ☉. Now ♂ and ♀ would be little *Furies*, if every time they met with the Sun, they should nothing but drench the World with washing Rains, or hurry the *Atmosphere* with *Stormy Winds*, or set the Air on Fire with *Meteors* for a Month together, Providence hath wisely ordered that in that Interval there shall happen *variety* of the Constitution, and State of the Air, for Her great ends, unless perhaps a *Fixed* Month we think of; but the Month which we consider is *vagrant*, and runs through all the Seasons of the year, as in the Table will appear.

§ 15. How Dry Bodies, as all Lucid Bodies are, should produce Drought, is no hard Problem. But our Celestial Bodies must be consider'd not by themselves as in the *Ætherial Region*, for there they produce nothing but dry Effects, Comets suppose, &c. suitable to their Emanations: But they must be consider'd as Instruments to move the *Inferiour Regions* of the Air, filled with Vapour and Exhalation; and so, dry though they be, they can produce moisture, somewhat like a dry thaw after a hard Snowy Winter, produceth a Flood,

§ 16. Hence I surmise that ♂ himself under this Notion of an Instrument, is not the occasion of Drought, but as destitute of Able Friends, or impeded by some other Cause, which we shall evidence in ♃, suppose, or by indisposition of the Clime; Thus, All that Tract of Land or Sea under the *Torrid Zone*, where 'tis known Rain cometh but at one or two Months of the year, Treckon is generally Indisposed, whose reasons are not here to be displayed. And thus ♂ comes to be so fam'd abroad for Drought, &c. as *Syrus* of old, which in our remoter Clime is not so terrible.

§ 17. For ♂ his Heat in Summer Seasons, and elsewhere, we have, beside his Tokens of blue Smoky Mist, Lightning, Trajections, &c. an express of above an 100 days, and what more might have bin justly noted. Yet I must not, nor doth our own Diary seem to give leave, that I should crow after the Antients, and say that ♂ is hotter than ☉, least I should pull the World about my Ears; but I say 'tis, (in vulgar way of speaking) a more violent Star than the Sun it it self. This will be proved not only in this, but also in the ensuing Chapters.

§ 18. This raises expectation, which we will endeavour to satisfy, when we have answered one Objection, First, that 'tis absurd to make a Reflexion, a Minor Planet more Potent than the Major. 2ly. That 'tis uncertain whether our Planet hath any such heat or no; for if so, we should not (sure) find Hard, Sharp, Frosty, Cold Seasons, whensoever our violent Planet is conjoynd to the Sun.

§ 19. To the First; 'Tis absurd if we consider the Reflexion by its self singly

singly, and disjunct from the Direct: But if we suppose the Direct Radiation, as in Nature it doth, then Two is more than one, the Direct and the Reflex is greater than the Direct alone: So in vulgar speaking (as we say sometimes, the Son is Finer than the Father, whereas all the Finery he wears comes out of the Fathers Purse)  $\delta$  is a more violent Star, because his Aspects with the  $\eta$  &  $\theta$  are more violent than those of the  $\odot$  with the same. How comes that to pass, unless  $\delta$  may be violent? Thus a Conjunction of  $\delta$  and  $\eta$  latently includes  $\odot$ . A  $\delta \odot \eta$  doth not include  $\delta$ , wherefore if Three be more than two, a  $\delta \delta \eta$  is greater than a  $\delta \odot \eta$ . This in strict Philosophy may not be said; seeing the *Minor* hath its Energy from the *Major*; but for Doctrines sake we suppose  $\delta$  to be as it were *sui juris*, independent of the Sun.

§ 20. To the 2d. we say, Let's see them, let's see the Frosts, they are not more than what are found under  $\delta \odot \eta$ , or  $\delta \odot \theta$ , and yet they were Spit-Fires, Thunderers and Flashers, had their Heats and Droughts, and Violences too.

§ 21. We see One or Two in our own Diary, let's see the Rest; First, To run back no further than King Henry the Eighth's time, Anno 1536. We are told that Ice on the Thames hindred the Kings passage at Greenwich, Dec. 24. while  $\delta$  is within gr. 2. or 3. of his Syzygie.

Anno 1598. Dec. 1. ad diem 11. Thames nigh froze at London Bridge; the Frost began, for all as I see, with a  $\delta \odot \delta$  in 1 Dec. 1.

Anno 1630. From Dec. 21. Three Weeks Frost, presently after the Partile  $\delta$  of  $\delta$  and  $\odot$ , Kyv.

Anno 1662. The Thames caked with Ice in 4 Nights, die 31. and was scarce passable; and this within two days of the Partile  $\delta$ , as is seen in the Tables.

Anno 1665. The end of February, and part of March, Frosty Weather, commensurate to the  $\delta \odot \delta$  in \* 24. This Frost is memorable from the Dire Pestilence ensuing; so that we need not marvel at some stricture of Frost occurring in our Sept. Anno 1658. In Novemb. 1660. In May 1667. In Oct. 1675. in our Tables, for the Cafe is plain,  $\delta$  burns sometimes with a Cold Iron.

§ 22. 'Tis so, but doth this take from the Martial Influence any more, than you see it doth prejudice the Solar to admit Frosts, sharp and tedious? Astrologers do usually speak of Debilities: All Planets in Winter Signs are but in a low condition as to Northern site, so remote from the Winter Tropic: the Setting Sun is weak and cool as a Glow-Worm, and Planets in the Winter Tropic are setting even at Noon (as it were) by their near approach to the Horizon. Apply this to  $\delta$  and the rest; as in the Winter at Muscovy, Anno 1681, when the Polish Souldiers suffered by the Cold, Galvis. All the Planets were in deep Winter Quarters. Howbeit, even thus in his Weak Estate our Planet bears some Testimony to himself by Snows amongst the Frost, or by Remission of the Cold, which may be worth an Observers notice, when the Pladding Countryman overlooks such Vicissitudes of Nature, if short and temporary; For so I hope none can object to us the cruel Winter noted by Gemma, Anno 1568. *Secuta est*, (saith he) *Hyems asperissima*, but he speaks of no great Frost until the middle of March, which concerns not a  $\delta$  celebrated ten Weeks before. And what was the Asperity? Winds and Rains. Churches strook with Lightning, and Floods, Jan. 3. before our  $\delta$  was expired. No, nor that of September, 1590. which was, saith Stow, a very cold Month with Snow and Sleet; but the same Month brought Wind, Rain, Lightning and Thunder; to speak for the  $\delta$ .

§ 23. Add that these cold Examples are very rare, and that the  $\delta \odot \delta$  commonly brings milder Winter Air, so as whensoever Frost appears, you may

may observe that  $\delta$  is at a distance from the Sun about a Sign, or two or three, &c. wherein if Communication be interrupted, which keeps it out, the Cold breaks in; not but that the distant Aspects have their Force, the *Sextile*, *Quadrante*, &c. but they are not so Potent, nay, nor so durable as  $\delta$  or  $\rho$ .

$\delta$  24. In this case then the *Opposition* more than the *Conjunction* proclaims the Planetary Heat, in as much as an opposal of  $\delta$  and the  $\odot$  very seldom fails of its warm thawing Breath. Put the  $\odot$  in the Winter Tropique, and let  $\delta$  face him in the Summer, though the Planet so posited shall be hid under the Earth, you shall see what Fire he will save you on a Winters day; whereas if  $\delta$  be about the *Quincunx* of Sol, a Sign distant from the Oppositional Line, he is in a chill posture, and so found in those Frosty days or Seasons, which happen at that determinate time, some abatement being reckoned for the *Northern* side of our Clime.

$\delta$  25. The Planet may be violent in his hour for all this, and is it not upon that account that the Divine Goodness hath retarded his Motion, that  $\delta$  his Configurations with the Sun, and other Planets, the  $\gg$  excepted, bein<sup>g</sup> less frequent, the World should be less distracted? Suppose therefore we should allow (which indeed we cannot) that *Great Britain*, our dear Country, &c. felt not the Smart of this Aspect, if other Countries do, the Divine Superintendency hath its end. For God is not a God of the North only; He takes care even for those Lands which the Holy Phrase seems to say He takes no care of.

$\delta$  26. Hence if  $\delta$  doth not cause Drought in our *Northern* Climes, but when obstructed by some dissenting Influence, &c. 'Tis not for us to muster up a Barren Catalogue of Heats and Droughts (when Heat seems mostly to domineer) as our Friend *Eschstad* hath done in his hot *July, Anno 1596. Hot August 1592. also September 1594. and October 1596.* a Remission of Cold noted in *December*: Then skip to a hot *June, Anno 1605. and July 1607.* Not that we question the Truth of the Testimony, but because he brought it no further, when he wrote about *Anno 1636.* for the demand will be, as he said in the like case, where are the Names of the Shipwrackt Seamen; who are not hung up in the Tables of *Neptunes* Temple? Why is not the year 1609. 1611. and so on mentioned to make up  $\delta$  his Triumph?

$\delta$  27. We therefore chuse to consider  $\delta$  his Heat, dry and Wet; if dry then 'tis plain to Sense; if otherwise, to Reason. For who knows not, that after a Storm of Rain in Summer, if the Sky clears up, we find a hot Day; the Traveller confessing that 'tis Hot after the Rain, so far, that if through intense Heat he finds the Ground to dry apace, He prognosticates more Rain to succeed; yea, that this proves all the year long, except where Frost brings Serenity; if a Wet day clears up, 'tis Fine and Warm, except, yea sometimes, al be it a cool Wind blows.

$\delta$  28. If we must allow Heat to a Summer Fog, we must allow it in proportion, to Wet: A Foggy morning introduces Heat and Drought. A wet Morning clearing up discovers Heat and Floating Clouds: That you shall not question  $\delta$  his Warmth, you shall find that he causeth both (at times) Wet and Fog, according as I find it makes up a piece of the Character in some Modern Astrologers, *Argol. &c.* which I wonder at, because it savours of Novel Experience. But by their favour, I must here say as before of Drought, that  $\delta$  with us causes no Fog, but when debilitated or resisted.  $\delta$  is Generous, and Large, He is for pouring out his Influence on such Showres or Storms, which by their Excess and Over-doing bear his Signal.

$\delta$  27. Will the Reader therefore be pleased to ride Post with me through the Wet, for that is the next enquiry from year to year. Rain with store, and



whatever says the definition: Verily, Anno 1652. in May, you shall find Showry, V. days together, just about the precise time of our Aspect. In July 1654. VI. days together, to the Prejudice of Hay-Harvest. In August, An. 1656. die 17. Rain pourcing 7 mane, & die toto. Showres dashing 4 days together, die 10, 11, 12, 13. beside what more. In September, Anno 1658. Wet and Coasting Showres VI. days together. Die 26. Rain for 3 hours, and the whole Night following to ☉ rise, and so along.

§ 30. Or had he rather see the Breviate of our ensuing Table, Thus I present it.

The Days are in Sum 584. of which we find,

Rain, Snow or Hail. —————	301.	Evening. —————	12.
Whereof softer Rains, —————	38.	Noon-tide. —————	13.
Immoderate. —————	65.	Winds. —————	169.
Showres with some briskness. ———	143.	Whereof with Storm and Fury. —	97.
Morning. —————	12.		

§ 30. Here see the Benifit of a Prolix Observation. Others may repent it, I beg their Pardon; I cannot. We must observe as much at home as the Antients have done abroad, if we mean to pronounce: Otherwise we make Science contemptible, and reduce Books to Wast Paper, (for Lo you now!)

§ 32. If our Argument from the Moyety be any thing, our Planet, to them who will calculate his Influence with industry and Patience, will prove as we would have it, a Friend to Wet; for 301. is a good Moyety of 600. of which Sum our Total bears short. A Friend I can tell you, and a lusty Friend too, whose Vote passeth for more than a single one; the Modern Astrologers therefore have got it by the end that he is a vehement Planet. For is he not a Superiour? Remember we are come among the Superiours, the Inferiours are quick and nimble. [Where if one position will not do, another will, the Superiours are not in such Hast, they are slow, but sure, So have I seen a Granado in the Air, fuming as it went along in a fullen silence, and at last break and tear all in a Thousand Pieces. And have we here no Violence? We have 61 immoderate Rains, and 97 violent Winds. If my Friendly Reader pleaseth to contract the Table, by selecting their Places, he will find the Violent Fits and Concussions of Nature, at home and from abroad, some, as the Intelligencers came to our Hands.

§ 33. He will find the Finger of our Aspect from the Critical hours, not only as to the Lustre of our Aspect, which paints the Clouds Red in the West, 5 or 6 times, yea to the Mid-Heaven twice or thrice, to the East it self from the Western setting, cross the whole Hemisphere Five or Six times. But further as to its Rainy or Blustering Faculty, since you shall find Showres at Noon, Showres in the Morn, but most of all Rain in the Evening or ☉ set, 20 times. Add that the Continuance, the Duration speaks the Author, as we have observed before in ☉ and ♀, since ♂, as we have said, as well as ♀, moves along with the ☉ for several days.

§ 33. And this we reckon so undoubted, that we are not ashamed to say that this is visible even in the Debility, when we see a Mist or Fog in the Morn, and the like again at Even. The Noon-tide is not so capable of it, we mean after an interruption, if the Winter Fog hold above half the day, 'Tis another case. This we rather mention, because we contend not with the Antients here, but we with them avow he is Dry, even here in the Northern Latitude, in that he is so affected, when in his Debility, when not assisted enough by ☉, or the rest of his Brethren.

§ 34. Here

§ 34. Here let me shelter my self under the Modern Artists, that I may not seem fond of Paradoxes in the Fundamentals of the Theory. They acknowledge the Dryth of the Syzygie, and they acknowledge the Wet; only they come off more easily than I can do, and according to the received difference of Watry Signs, and Fiery, which distinction I wish could do, yea, or that, which with some seems to carry more reason, that in Spring and Autumn it brings Winds, in Summer Thunder and Hail, in Winter remission of Cold. I fear my Diary, as Prolix as it is, will scarce justify it, no more then that it brings Darknefs in Airy Signs, or Signs Bicorporeal, where as it brings Darknefs, well assisted, in places near the Tropic or Equinox, be the Signs of what Divisions they may; But I commend them when they tell us toward his Dryth, that & being combust abate the Moisture. Oft-times 'tis so, and we have advanced some Reason why not he alone, but others also may do the like in such a case, when not assisted, because a &, to which the Combust Planet hastens, pretends to Cold as well as Heat somerimes, and by parity of Reason to Dryth, as well as Wet.

§ 35. The Remainder of the Breviate runs thus.

Thunder.	16.	Gossamere.	2.
Trajectories.	12.	Cold.	18.
Mist.	33.	Cold Wind.	14.
Blew smoke.	9.	Hail.	17.
Fog gross.	78.	Frost.	44.
Mist Morn.	12.	Yea, with the days not specified, perhaps.	60.
Fog Morn.	36.	Snow.	16.
Fog Even.	3.	Close.	21.
Ground Mist.	8.		
Fila.	6.		

§ 36. All which premises we are to reckon for on the account of &, and whether they are imputable to the different approaches of the Planets before us, and to the various and almost unsearchable intermixture of all the VII. which make a several Texture, as it were, of the Heavenly Bodies; We are not ambitious to define exactly, seeing all enquiry into Textures is intricate; But as far as we may without ostentation, we say that Close Air shews an aptitude to Moisture, Fog being a Participant of both Dryth and Moisture, may depend on our Aspect in his different modification, according as it is grosser or Thinner, more pallid, or more Smoky, Lower or higher; Ground-Mist I find under this Aspect, is a nicety; Gross Mist speaks a Counterpoise, or Defect, or both; a Blew Smoky Mist favours &, from whence it may draw its *Empyreum*, in all the difference of the Soil, which contributes much always to be regarded.

§ 37. As to frost how it may happen even under this or any &, we have cleared the difficulty. The Snow which occurs under this Aspect in Winter Months, shews how nice a thing Nature is, which can freeze, and dissolve the frozen Vapours by Inches, and Scruples, dissolve the Continuity, and yet keep up the Congelation, whereas one would think, what doth the one, should do the other, the Vapour being of so rare, almost a perspicuous Consistence. As to Hail let the Observation excuse the Prolixity of the Table, without which we should have believed only, and not seen the Truth of the Astrologers Dictate, that ☉ and & contribute, whether *Per se* or *cum aliis*, Let us now enquire to the Moulding of that Pellet.

§ 38. For though we said even now that the enquiry into the Texture, of

Niceties of Causes, our part is intricate, we had regard only to the Full Comprehensive Knowledge of the Object, not Evacuating, our design in the least, which must content it self here with a proportional part of such absolute Knowledge; I cannot comprehend which mixture will produce a Fog, or which is much more difficult, create a Hailstone; but I observe that both Fog and Hail, and Frost, &c. appear not ordinarily but when there is a discontinuation of Signs possessed, or when only III. or IV. Signs are occupied, never when V. Now for our

Large Diary of ☽ ☉ ad gr. 5. Intervall.

1672. II 13. May 28.

*A die 4. ad Jun. 14.*

VIII. Windy, mistle, so at n. S W.  
X. Clear, windy. S.  
XIII. Wind and R. at n. N.  
XIV. Windy, rainy, mist and wd at n. N.  
XV. Misty m. H. wind p. m. N E.  
XVI. Windy, clear. NE.  
XVII. White Frost, clear, windy. N E.  
XVIII. Fog at n. NE.  
XXII. Misty m. S E.  
XXV. Mist m. windy, clote, little rain at n. S. N.  
XXVII. XXVIII. XXIX. XXX. Showry. (So at n. d. XXVI. XXVII.)  
Jun. IV. Cloudy, H. wind. N E.  
V. Clear, H. wd. Nly.  
VII. Windy. N.  
VIII. Rain, windy. N.  
IX. X. Thunder, shows N. d. 9. S W. d. 10.

15

1654. S 27. July 10.

*A Jun. 25. a Jul. 27.*

XXV. Wind and cl. Rain little. S W.  
XXVI. Fine dewing showers; Heat. NW.  
XXVII. Hot, heavy air, f. Th. shows. SE. NW.  
XXVIII. Store of R. with some Thunder, ☽ ☉ ☽.  
XXIX. Hot. N E.  
XXX. H. wds, cold, f. drops. N.  
Jul. I. Cold, R. wds. NE.  
II. Winds. N E.  
III. Winds somewhat High, f. wet. N E.  
IV. H. wd. N E.  
V. Misty, parching hot. S.  
VI. More temperate, blew mist. S W.  
VII. Hot, black R. f. rain at n. S W.  
VIII. IX. X. Thunder shows. NW.  
XI. Heat, shows. NW.  
XII. Wind and shows. NW.  
XIII. Inconstant fh. binder hay harvest. NW.  
XIV. Heat. NW.  
XV. Scarce sensible drops. S W.  
XVI. R. Thunder very hot. S W.  
XVII. Wet and wd p. m. NW.  
XVIII. Blustering n. rain little. NW.  
XIX. S. rain ante lucem, warm, 3 drops. NW.

XX. Hot, high wind, some moisture. S W.  
XXI. Clouds ride crosse, hot, black at n. and some shows. NW.  
XXII. Clouds, crossing, dropping.  
XXIII. Hail, rain ante luc. wind very variable.  
XXIV. Very cold wd, showing. N W.  
XXV. Set to rain at n. N W.  
XXVI. Cold wd, inconstant showing. N W.  
XXVII. R. Sun rise. and some wet m. X. R. at n.

1656. III 3. Aug. 16.

*Ab Aug. princ. ad finem.*

I. Wind rise 8 m. blew mist, red cl. ☉ occ. II. Hot Meteors. N W.  
II. Hot, red wd, smoke flies. S W. wd N W.  
III. Foggy, very hot, blue mist. S W.  
IV. White Fr. foggy extream hot, blew mist, S W.  
V. Very Hot, blew mist, wind S W. smokes waves. N E.  
VI. Very hot, wind high p. m. blew mist, SW.  
VII. Wind north. f. drille ante L. H. wds ☉ or; wet day.  
VIII. Misty m. f. rain. S W.  
IX. Stormy wind; but dry; mistyish Heaven. S W.  
X. H. wds, dashing of rain 9 m. & 2 p.  
XI. H. wds, dashes of rain 9 m. & o. cloudy m. NW.  
XII. Misty m. R. hard elsewhere.  
XIII. Showring and store of wet.  
XIV. Winds, f. miste; R. 10 p. S W.  
XV. Rainy 1 m. winds S. fh. H. wd n. S W.  
XVI. H. winds, misty, red clds at even.  
XVII. R. pouring R. m. & die for. store of R.  
XVIII. Fair wind.  
XIX. Mistyish, Halo at n.  
XX. XXI. Fair, hot, Halb D.  
XXII. Mist very hot, Gossanere.  
XXIII. Great fog, very hot.  
XXIV. Fog, very hot storm of wind 11 p.  
XXV. H. wds, misty air.  
XXVI. H. wds, offer to drop.  
XXVII. Windy, warm, blew mist.  
XXIX. Winds pretty high, blew mist, S E.  
NE.



1658. = 9. Sept. 22.

*A Sept. 7. ad Oct. 7.*

- VII. Showres 3 m. 5 m. dark, warmish. S E.  
 VIII. Warm n. showring 11 m. very warm Sly. red n. S E.  
 IX. f. drops 8 m. very warm; dropping 5 p. & 9 p. S W.  
 X. Very warm; Lightn. n. S W.  
 XI. Hot, close; f. drops Thunder 3 p. S W.  
 XII. Fog m. gentle winds 10 m. sh. 1 p. S W.  
 XIII. R. 1 m. & a. m. ground mist. N E.  
 XIV. Mist, close rain 10 m. and o. S.  
 XV. R. a. m. very dark, warm.  
 XVI. Wind; some wet 1 p. drizzle 5 p. S W.  
 XVII. Windy, stormy m. R. 2 p. 8 p. Ely.  
 XVIII. H. wind, coasting showrs, wetting o. sh. 6 p. Nly.  
 XIX. Fr. fair; showrs coast p. m. N W.  
 XX. Fr. m. coasting showrs R. and hot. E. N E.  
 XXI. H. wd, drop or two; Halo at n. Wly.  
 XXII. Coldish, Fila, f. mist E. misle 9 m. wet till 2 p.  
 XXIII. f. drops o. and n. gentle rain 8 p. E. hideous tempest of wind 8 p.  
 XXIV. Warm, close, misle n. W.  
 XXV. H. wd no H. tot. red m. and even. warm R. 4. ad usque 7 p.  
 XXVII. R 5 m. cly, red to the East at n.  
 XXVIII. Fog, clear above, wind, warm. S W.  
 XXIX. Halo, D warm, clds in Scenes; ground mist at n.  
 XXX. Gr. H. wind and vehement blowing. O. f. I. Warm; drops; Fila.  
 II. Wind, Fila, bluish East, ground mist.  
 III. Thunder, mist, Fila store. N E.  
 V. R. 4 m. dark; misty; wetting m. p. S W.  
 VI. Muddy air die tot. R. 8 p. very wet night following. S W.  
 VII. Store of wet, abundance p. m. till 8 p. S E.

1660. m 19. Nov. 1.

*Ab Octob. 16. ad Nov. 17.*

- XVI. Coasting showrs 5 p. W.  
 XVII. R. ante L. Fila. Nly. S W.  
 XIX. Mist below.  
 XX. Fr. fog N W. at o. E.  
 XXIII. Cloudy, windy. Nly. windy even; yet clear.  
 XXIV. Fr. fair, windy. S W. Nly.  
 XXVI. Cold, windy, cldy; clear even, yet moist wind.  
 XXVII. Dry, cold, windy; Hail and rain 1 p. sh. 3 p. E.  
 XXVIII. R. offer at R. cloudy.  
 XXX. Fr. clear, ♀ seen plain half an ho.  
 XXXI. Fr. mist below about Horiz. f. rain, close and moist even.  
 No. I. Close, windy, threatn. W.

II. ♀ seen 3d part of an-hour post ☉ or.

III. Morn inclining to moisture.

IV. Close.

W.

V. Fog below, close even.

VI. Fair, wdy N

VII. Storm of Rain 11 m. S E. various W.

IX. Thaw, some drops; stormy even. W.

X. Cold. H. wind, storm, Hail and R. 11 p. N W.

XI. H. wind and rain; frost; Hail and H. wd stormy rain vesp. N.

XIII. Close mist, small rain 2 p. R, 5 p. N. S.

XIV. Snow ante L. 9 m.

XV. Wetting mist 10 m.

W.

XVI. Windy, lowring.

W.

1662. &amp; 13. Dec. 24.

*A Dec. 5. a Jan. 13. 1663.*

- V. VI. Frosty, fog. S.  
 VII. Frost, fog, snow m. p. S W.  
 IX. Fr. snow die tot. H. wd, drizzle n. N E.  
 X. Much snow ante L. hard weather.  
 XI. Frosty, fog. S W.  
 XII. some rain p. m.  
 XIII. Fog, rain 6 ad 8 p. S W.  
 XIV. Fog m. mild. S W.  
 XV. Fog, rain 1 p. &c. E.  
 XVI. Rain m. p. night. Rain 1 p. & p. m. 5 p. E.  
 XVII. Rainy. Ely.  
 XVIII. Rain ante L. N W.  
 XIX. Cold and cloudy.  
 XX. Cold and wetting. S.  
 XXI. Close, misty; wetting 10 p.  
 XXII. Rain m. p. noct. prac moist m. showr 2 p. Rain 5 p. 9 p. S.  
 XXIII. Fog, R. 1 p. and cold N E.  
 XXIV. Frost vehement. Ice an inch thick; Fair; fog.  
 XXV. Frosty; fog. N E.  
 XXVI. Windy. N E.  
 XXVII. Snow ante L. Cakes of Ice in the River. N E.  
 XXVIII. XXIX. XXX. Frosty, close, misty.  
 XXXI. f. missing n. Thames scarce passable. S W.  
 Jan. I. 1663. Mild, warm mist, misty and wd.  
 II. Mild, drizzle 4 p. R. 9 p. S W.  
 III. Mild, some drops, Rain 7 p. 8 p. 9 p. S W.  
 IV. R. a. l. Fair. S W.  
 V. Misty, wetting and windy 6. warm. S W.  
 VII. R. a. L. Fair not without Fog.  
 VIII. Fog at n. S W.  
 IX. Thick Fog die tot. E.  
 X. Thick fog die tot. E.  
 XI. Fog, frost, yielding. E.  
 XII. XII. Foggy, frosty. E.

1665. &amp; 24. March 4.

*A Feb. 9. ad Mar. 28.*

- IX. Fr. fair, wdy. W.  
 X. Wind, wet a. m. 5 p. 6 p. stormy at Chel- sey reach. G g g II. Stormy

- XI. Stormy wd, and wet 4 m. shower 10 m. W.  
 XIII. R. ante L. showering a. m. cold, wetting and snowing Sly.  
 XIV. Temperate, wetting p. m. f. little snow, R. 6 p. 5 p. W.  
 XV. Snow and rain a. L. snow 5 p. W.  
 XVI. Snow 1 p. to vesp. N.  
 XVII. Snow m. 5 p. N E.  
 XVIII. Fog, snow and rain, fine thaw. Nly.  
 XX. \*\*. Nly.  
 XXI. Offering snow m. S E.  
 XXII. Offering snow 1 p. N E. mist at n. W.  
 XXIV. XXV. XXVI. S E.  
 XXVII. XXVIII. Very hard frost. W.  
 March I. C. ofc, not drying linnen. Wly.  
 II. Close, snowing 7 m. and offering d. some- times hail, snow 6 p. Wly.  
 III. Frost, snow lies, vanishes, cold wind. E. N.  
 IV. Fr. cold wd, f. mist. N.  
 V. Snow 2 m. till o. winter day. N.  
 VI. Clouds in scenes; not such frost known in March. W.  
 VII. f. offer, snow 3 p. W.  
 VIII. Snow a. L. gr. Flaques o. H. dangerous wd, cold snow at n. S W.  
 IX. snow a. L. Hail 4 p. storm, snow 5 p. S W.  
 X. Storms, snow 4 p. S.  
 XI. Snow a. L. windy, wet 4 p. 9 p. E.  
 XII. Warm and welcome, wet a. m. S W.  
 XIII. Warm, overc. and rain 4 p. S W.  
 XIV. Drizzling 7 p. f. rain 9 p. S E.  
 XV. Warm rain 6 m. drizzle 7 p. R. D M C.  
 XVI. Warm. S E.  
 XVII. H. wind, fair, warm. E.  
 XVIII. Close, misty. E.  
 XIX. Mist m. windy. N. XX. Close. E.  
 XXI. Close m. p. warm. E.  
 XXII. Windy 10 p. N W.  
 XXIII. Storms of hail o. N W.  
 XXIV. Wet m. o. some wetting vesp. S W.  
 XXV. Warm, drizzle. Nly.  
 XVI. f. fog, cold. W.  
 XXVII. f. shower toward C. occ. Nly.  
 XXVIII. Warmish, W. little wetting vesp. Nly.

1667. 27. May 8. 4 ♀ in V.

17 Ab April 8. ad May 28:

- XVIII. Ground-Mist ante L. sad drought. SW.  
 XX. Fog a. L. 1/2 occ. rain coasting 1 p. W.  
 XXI. Very thick fog m. brisk wd, and S W. wetting 2 p. and welcome at n. and blustering.  
 XXII. Showrs and blustering 2 m. and a. m. storm, hail 3 p. stormy C. occ. N W. N E.  
 XXIII. Cold, windy. N E. N W.  
 XXIV. R. a. L. showering m. Nly.  
 XXV. Cold wind, f. drizzle 2 p. 3 p. Wly.  
 XXVI. Cold wd. Wly.  
 XXVII. Warm, dry. Wly.  
 XXVIII. Mist m. dry mist 2 p. N W.  
 XIX. Cold wind p. m. L. R. vesp. N W.

- XXX. Cold wds. N E.  
 May I. Warm. Wly.  
 II. Troubled air o. serene p. m. W.  
 III. Sound shower C. 1/2 2 m. E.  
 III. R. and hail coasting, especially 1 p. 3 p. 5 p. a. m. p. Sun occ. Trees look'd yellow before for drought. N E.  
 IV. Misty, wetting, fo o. W.  
 V. Much ado to hold up. W.  
 VI. Very bright, and cold stormy wind n. E.  
 VII. Windy, showering. Nly.  
 IX. Warm, gentle wetting p. m. S W.  
 X. Cold m. Shower of hail at Kentish Town 7 m. stormy wind, f. rain 3 p. S E. Shower a C. occ.  
 XI. Cloudy, windy. Wly.  
 XII. f. little wetting C. or. Wly.  
 XIII. Close m. p. L. wetting 7 m. gentle wetting, H. wd C. or. Wly.  
 XIV. f. shower a. m. stormy wd, shower p. m. Wly.  
 XV. Windy, showering a. m. Thunderclap. Wly.  
 XVI. Fog m. and cold; horrid day. S.  
 XVII. Gentle wetting a. m. per tot. to p. m. E.  
 XVIII. Wet. Ely.  
 XIX. Cold wind. Ely.  
 XX. Close showering 10 m. to 2 p. 4 p. with Thunderclap. Ely.  
 XXI. Gusts of wd, showering 10 m. N E.  
 XXII. Warm, f. shower 10 p. W.  
 XXIII. Fog m. dropping 9 m. and lowering p. m. W.  
 XXIV. Hot. W.  
 XXV. Mist m. hot. W.  
 XXVI. Hot n. W.  
 XXVII. Fog m. hot. N.  
 XXVIII. Hot. f. wet, high winds. N.

1669. Jun. 24. 12.

A die 6. ad July 9.

- Jun. VII. Windy, Rainy 9 m. N.  
 IX. H. wd, close, warm, some wetting 8 p. heavy air n.  
 X. Sudden showrs o & p. m. Wly.  
 XI. Winds, shower 11 m. Sly.  
 XII. f. rain m. W.  
 XIII. Hot and fair p. m. Wly.  
 XII. Heat, bright Ground Mist. S W.  
 XV. Fog m. heat o. Wly.  
 XVI. Heat, overc. 10 p. and, as I thought, Lightning at midnight.  
 XVII. Shower a. L. and 7 m. warm, some wet. Wly.  
 XVIII. Warm, pale mist at n. W.  
 XIX. Mist, red wind, warm. N E.  
 XXII. Fog m. increases 8 m. hot and dry; Rain desired. Sly.  
 XXIII. Fog 9 m. Hot, dry mist. m. S.  
 XXIV. Warm. N E. XXVI. Fog m. N.  
 XXVII. Fog m. dry season. Wly.  
 XXVIII. Fog m. and drought; heat drops 7 p. Wly. Ely.  
 XXIX. Fog, hot, dry. Sly.  
 XXX. Close, Thunderclap 10 m. f. rain o. and vesp. Sly.

July 1. Close m. windy, wetting.  
 II. Wetting v 7 m. ad 10 m. with mists. *Sly.*  
 III. Windy, dropping a. m. and showr p. m.  
 IV. Shedding m. *S.*  
 V. Hot, dry. *W.*  
*Die 3.* At London great storms of rain, Thunder 2 m. none at *Kentish Town*: News of great Rain in the North.

19

1671. Aug. 3.  $\mathcal{N}$  20.

A July 13. ad Ag. 16.

Jul. XIII. R. serious 5 morning. R. hard 2 p.  
 4 p.  $\mathcal{M}$  C.

XIV. Rainy.

XV. Stormy wd, some Rain.

XVI. Rain sub vesp.

XVII. Very warm and close.

XX. Close, windy.

XXII. Misty rain m. high winds.

XXIII. High winds.

XXIV. Rainy, drk, H. winds.

XXV. XXVI. rainy d.

XXVII. R. p.m. many Flies and Pismires.

XXVIII. Hot rain usque ad 3 p. m.

XXIX. Hot, r. vesp.

XXX. Close, hot, rainy night.

XXXI. R. Sun or. a 3 m. ad 2 p. drowning afternoon as ever was known.

Aug. III. Hot, close air.

IV Windy, rain p. m.

V. Warm night, close day, V. a Sun occ. ad 10 p.

VI. Close, windy, warm.

VII. Warm night. R. 10 m. ad 6 p.

VIII. Warm n. R. 10 m. &amp; p. m. in earnest 9 p &amp; 10 p.

IX. Coasting Showrs noon, and wind; thunder; showr 3 p. 5 p. 7 p.  $\mathcal{h}$  in Nadir. 3 p.X. Coasting showrs 11 m. & 3 p. *S W.*XI. Rain o. 5 p. 7 p. sad harvest. *S W.*

XII. H. wind and much rain; tempestuous circa o. great rain 9 p.

XIII. Shower 1 p.

XIV. Frost; fog m. hot p. m. *Wly.* warm n.

XV. Very thick fog.

XVI. Two Meteors.

19

1673. Sept. 7.  $\mathcal{M}$  24.

Ab Aug. 23. ad Sept. 24.

Aug. XXIII. Drilling p. m. showing 6 p. *S E.*XXV. Showing 1 p. *S W.*XXVI. Stormy winds, some wet 2 p. at *Bransford*.XXVII. R. m. ad 2 p. Lowring after, winds *S W.* showr 4 p.XXIX. Windy, showr 1 p. 2 p. and 4 p. *SW.*XXX. Windy, showr 6 m. 9 m. o. 6 p. 9 p. *S W.*XXXI. R. hard 7 m. wet m. p. especially 3 p. & 9. per *noth. tot.*Sept. I. R. *noth. tot.* showr in prospect 3 p. & 5 p. *SW.*II. Rain hard *die tot.* red in East. *N W.*III. R. 1 p. dash 2 and 3 p. with *bail*; Meteor *N W.*IV. Fog 6 m. wetting 3 p. 4 p. frost m. wdv *S W.*VI. Windy, R. 4 p. 10 p. *S W.*

VII. Fog, clear above.

VIII. H. wd. *noth. tot.* Rain ante *luc.* a. m. m. p. *S W.*IX. Frost m. warm p. m. *S W.*

X. Very high wd. wetting 8 m. &amp; 5 p.

XI. Furious wind, wet *noth. tot.* tempestuous day. III. Houses blown down by *Covent Garden*: wetting m. & p. m. and misty  $\odot$  occ.

XIII. Fog, some rain 10 p.

XV. Very cold night; frost m.

XVI. R. ante *Luc.* & a. m. wetting 4 p. R. hard with wind 8 p. *S W.*

XVII. Furious tempest all night, H. wind all day. R. 1 p.

XVIII. Wd, *bail*, R. m. o. 5 p. *S W.*XIX. Gust of wind and rain ante *luc.* dark m. wdy. *S W.*XX. Rain 4 p. 8 p. 10 p. *S W.*XXI. Very wet all night; high winds and R. a. m. per *tot. fere*: showr 4 p. 6 p. *N W.*XXII. Frost m. R. noon and p. m. *S E.*XXIII. Shows Sun or. ad 8 m. so 2 p. 3 p. H. wd ante *luc.* Armies in the Air seen by thousands of People at *Posen* in *Poland*.XXIV. Very warm, wetting p. m. p. Meteor toward *ursa Maj.* head. *N W.*1675. Oct. 16.  $\mathcal{M}$  3.

A Sept. 30. ad Nov. 1.

XXX. *\*. Oct. 1.* Frost, ice m.II. R. 6 m. Fog, wd *S.* then *Ely.*III. Close wd, *Indisposit.*IV. Aches. *S E.*V. Fog, rhime, Cobwebs; winds *Indisposit.* 5 p.  $\mathcal{f}$  wet 11 p.V. *S W.* f. rain 7 m. warm, windy; Aches.

VII. H. wind, close, misle 7 p. Aches; Hysterical fits.

VIII. H. wd *die tot.* showr 6 m. *W.*IX. Fr. showr 2 p. misty air; Aches. *N W.*XII.  $\mathcal{f}$ oisty, foggy, fair; some relent; Aches. *W.*XIII. Close, warm, *Indisposit.* faintness; Head-ach. *W.*XIV. Close m. and 10 m. warm. *Wly.*XV. Close, warm; some moisture 6 p. *W.*XVI.  $\mathcal{f}$  wet 5 p. warm.XVII. Warm, close: mistyish showre bo 2. *fere*  $\mathcal{D}$  ort.  $\mathcal{M}$  in *M. C.*XVIII. Gr. frost; red even; wind various but little. *S*XIX. Warm; Lambs-wool clds. *N E. S E.*XXI. Mist, close, *Wly.* Dry weather complained of. Country men cannot sow.

XXI. Rainy m. shows 4 p. 9 p.

XXII. Rain at midn. & 8 m. H. wind and stormy R. 4 p. warm. *Wly.*

XXIII.



- XXIII. Mist, warm; rainy 10 m. ad o. Aches.  
 XXIV. Stormy wd; dash of hail and rain 1 p. storm of rain 6 p. H. wd 9 p.  
 XXV. Wind and rain 1 p. 4 p. 7 p. tempestuous and wetting 7 p. Lightning at Ghent fired a Steeple at N. D. and slew them who went to quench it, Gores 104.  
 XXVI. Windy a. L. Nly. Inundat. at Amsterdam, Hague, Harlem.  
 XXVII. Blustering noth. tot. f. rain 2 p. 4 p. N E. Aches, Universal cough throughout all Europe.  
 XXVII. R. 11 m. 2 p. 6 p. Aches. Ely mist.  
 XXIX. Gr. fr. misty; dry. E.  
 XXX. Fog, fr. Aches. Nly.  
 XXXI. Fog, fr. f. misle 8 p. N E.

1677. Dec. 1. 7 20.

A Nov. 14. ad Dec. 20.

- XIV. Fog and clofe. S E. Dark, and a good showr 2 p. Meteor near Cap. Drat. in 2 sickly Mouth, but no mortality.  
 XV. Rain 5 m. &c. very wet vesp. usque ad 8 p. warm. S W. at n. Nly.  
 XVI. Showr in earnest 6 m. fo 9 m.  
 XVII. Fog; R. Sun or. Nly.  
 XVIII. Lightning ante 1 & 2 m. fog; f. rain 10 m. Nly.  
 XIX. Gr. fog; very cold. Ely.  
 XXI. Fog, frost gone; r. and fleet 1 p. &c. with fog; rain 9 p. W. Abortions.  
 XXII. Snow found, fo o. & p. m. 8 p. Stomack aked at the Snow 8 p. brisk wd. N E.  
 XXIII. Brisk and cold wd, fuowing often at o. & p. m. Nly.  
 XXIV. Fr. wd, snow, fog 8 m. E. snow 1 p. and bitter cold; hail 1 p. blustering n.  
 XXV. H. wd noth. tot. and cutting; snow m. E. Snow driving small p. m. per tot.  
 XXVI. Snowing ante L. rain 8 p. Ely. Hysterical fits; Ice in the Thames.  
 XXVII. Frosty, fog, indispofit.  
 XXVIII. Frosty, fog die tot. S W. Rain 7 p. Ely. gentle showres midnight.  
 XXIX. Fog, mild air, h. wd; rain at n. S. S E.  
 XXX. H. wd noth. tot. and wet: dry m. p. each day; Rain 6 p. Aches.  
 Dec. 1. Fog, blustering vesp. and drifle; Rain 11 p.  
 II. Warm rain circa 9 p. Sly. Glafs rose 25. acc. to progn.  
 III. Windy and rainy die tot ab 8 m. warm. Ely.  
 IV. Misty wd. drifle 8 m. Great Meteors in a dispers'd, cloudy sky. Aches. E. N.  
 V. Dash, wind and wetting m. p. E. N E.  
 VI. Fog m. & a. m. E. N E.  
 VII. Rain ante 9 m. and dark. Meteors III. Two bright 10 p.  
 VIII. H. wd and rain most part. Sly.  
 IX. Fog, bright above; rain since 1 m. Meteors. Cl ouds contrary ☉ occ. R. a. m. & blow at midn.  
 X. Ruffling wd and drifle m. clofe, windy p. m.

- XI. Rain ante 2 m. windy, warm. Wly. Mete. or 6 m. ☉ was vertical where ♀ and ♀ lay.  
 XII. S E. H. wind and suspic. ante 1 p. rain 2 p. R. 6 p. Wly. Meteor neer Cor. ☉ Lightn. 1 m. Melancholy.  
 XIII. f. rain ante 7 m. H. wd, Lightning 9 p. in the S W. f. rain 9 p. wet 11 p.  
 XIV. Tempest of wind noth. tot. rain 7 p. Met. 7 p. 9 p.  
 XV. Fog and wetting, clofe and dark. E.  
 XVI. Fog, clofe m. p. wd.  
 XVII. Fog die tot. E. Indispofit.  
 XVIII. Fr. ♀ ☉ a fine fight 5 p.  
 XIX. Fog, clear above, Ice bears.

26

1680. xx 25. ad Feb. 28.

A Jan. 13. a Feb. 28.

- XIII. Fog, rain 6 m. wind high 9 p. Laville de Mustipatan, summerge.  
 XIV. H. wind noth. tot. offering at 8 m. m. p. warm. S W.  
 XV. Mist, clofe. S W.  
 XVI. Mist, clofe, sprinkle 8 m. f. wet 9 m. warm.  
 XVII. Warm season. Nosegay offered, and white Cowslips; H. wind p. m. S W.  
 XVIII. Mist, f. rain ante ☉ or. H. stormy wind.  
 XIX. Mist, dark, small rain 9 p. and 10 p.  
 XX. Mist. Audible Showr ante 7 p. very warm.  
 XXI. Rain hard Wly. great fog p. m. S.  
 XXII. Fog, clofe, sharp wind: Red Wly: showr ante o.  
 XXIII. Mist, clofe, H. wind, warmer. Wly.  
 XXIV. Fog, clofe, brisk wd, warm Wly.  
 XXV. Clofe, fog: fog at n. W.  
 XXVI. XXVII. Fog very great, cold. W  
 XXVIII. Fog, frost m. clofe m. p.  
 XXIX. Fog, misting ante 8 m. milder.  
 XXX. Fog, brisk wind die tot. misle ante 5 W.  
 XXXI. Fog, wind, H. at n. R. 8 m. 4 p. snow 3 p. Very tempestuous wind m. p.  
 Feb. I. Very high winds n. d. tot. frosty, rain 9 p. N W. Three Tides in 5 hours attributed to the winds extraordinary.  
 II. Very high winds, blowing and rain. Great Wracks and losses at Sea, even at Deal.  
 III. H. wd, showry 2 p. Rain and great flakes of Snow. Nly.  
 IV. H. fr. wd, f. drifle 3 p. and 2 a 5 p. sho. ante med. noth.  
 V. Mist, brisk wind, rain ante 2 p. w. False mouth 4 or 5 days very stormy.  
 VI. Mist, H. wd, specially circa o. & vesp. &c. drifle 9 p.  
 VII. Rain ante Sun or. & 9 m. clofe mist, brisk wind.  
 VIII. H. wd die tot. dropping 5 p. & ante 9. very stormy this week past in and out of the Channel.  
 IX. Rain circa ☉ or. showr 8 m. hail ante 11 m. 2 p. 5 p. ad 8. N W.  
 X. Fog morn 8 m. N W.  
 XI. Great.

XL. Great fog below, frosty. Sly ☉ occ. & ante  
 XIII. Frosty, foggy, die tot.  
 XIV. Fog m. sharp air. Ely.  
 XV. f. wet o. m. very gr. fog. E.  
 XVI. Close, cold, wd. E.  
 XVII. Frosty, foggy air. E.  
 XVIII. Fog, frost, sharp air.  
 XI. Warm, f. rain 4 p. ad 6 p. H. wd.  
 XX. Much rain ante Luc. Aches, fog n.  
 XXI. Very great Fog; frost, wetting 4 p. showr  
 apace 7 p. wind high 9 p. S. S E.  
 XXII. Fog, rain ante 2 p. ☉ occ. S  
 XXIII. Fog, R. ante o. & p. m. p. W.  
 XXIV. H. wd, R. ante ☉ or. & o. drille 11  
 m. warm.  
 XXV. Very high wd, f. rain ante L.  
 XXVI. Fog, R. circa 4 p. blustering p. m. per  
 tot.  
 XXVII. Very sharp wind, Wly. H. wd.  
 XXVIII. Very H. wd, Wly. Cologne Th. Lightn.  
 fell on the Church S. Ursula, Merc. Angl. n.  
 33. Die 7. Strange Epidemic sickness at Castle  
 Nuovo Intell. num. 30.

1682. ☉ 14. Apr. 14.

A March 25. ad May 5.

March XXV. H. wind, cold, showr 10 m. NW.  
 XXVI. Very cold, some gusts. Ely p. m. Wly.  
 XXVII. R. ante 8 m. some gusts. R. ante 2 p. Wly.  
 XXVIII. H. wd, scuds of R. ante 5 p. 6 p.  
 7 p. 11 p. N E.  
 XXIX. Cold, dark and windy. Nly. Ely.  
 XXX. Windy. some hail circ. 11 m. wind and  
 showrs o. 3 p. 4 p.  
 XXXI. Meteor 8 p. near Andromeda. Ely.  
 XXVIII. Plymouth very tempestuous for some  
 time past. Ships in the road suffered much  
 in rigging.

Apr. I. Temperate.

II. H. winds 10 m. cold wind. Ely.  
 IV. f. rain ante 8 m. and mist, cold. Ely.  
 V. Close, misty, temperate. N E. at n. Wly.  
 VI. Warm, clouds contrary 9 m. Wly at n. Ely.  
 VII. Fog, warm Sly. at n. Ely. very Sly foggy  
 vesp. Lightning at Cologne overturned a  
 house. Merc. Lond.  
 VIII. Very cold and fog m. & 9 p. W. N E.  
 IX. Mist, High wind, gentle showring ante 4 p.  
 S.  
 X. Showr 10 m. ☿ or. windy. Sly.  
 XI. Windy, wetting 9 m. R. 3 p. Wly.  
 XII. Showr 10 m. ☿ or. ante 3 p. 4 p. ☿ occ.  
 ☿ M. C.  
 XIII. H. wind, fog Sun occ R. 10 p. Sly.  
 XIV. H. wind, rain m. & a. m. S W.  
 XV. Clouds in Scenes, showr a. m. & ante 2  
 p. Sly m. Wly p. m.  
 XVI. Gros fog m. dsh of rain a Sun occ. ad  
 9 p. E. m. W. p. m.  
 XVII. f. rain ante o. Wly.  
 XVIII. R. 9 m. ☿ alias. Rain vesp. 9 p. ☿ op-  
 posed ☿ near Delphin. S W.  
 XIX. f. rain 9 m. ☿ alias a. m. dropping vesp.  
 S W

XX. Windy. some rain 10 m. ☿ or. Rainy o  
 ☿ ☿ ☿ in M. C. cum ☿ 10. quo tempore  
 multe Stelle fixæ Persei, &c. M. C. occu-  
 runt.

XXI. Showr 11 m. 2 p.  
 XXII. R. m. clds in Scenes; rain 7 p. red  
 clds ad M. C. & Or.

XXIII. Showr 4 p. dropping. Ely.

XXIV. Fog, close; Rain apace ante 11 p. Ely.

XXV. R. a. L. wetting m. p. Gr. Thund. 9 p. with  
 f. R. till day break. Sly. Ely.

XXVI. H. wind, showrs o. ad p. m. Hot n. Sly.

XXVII. f. rain 7 m. ante 2 p. red clds even.  
 Wly.

XXVIII. Showring m. p. gr. Meteor in S. ante  
 9 p. W.

XXIX. Hot rain 4 p. and 7 p. S W.

XXX. R. a. 2 p. ad 11 p. ☿. with high wd.

VIII. Andalusia near Corduba f. pestilence.  
 Dutch Gazette.

May I. R. ante 6 m. a. m. p. H. wind. Wly

II. R. a ☉ occ. till fere 11. Indispos. Wly.

III. Showring 2 p. Ely.

IV. R. brisk 6 m. 2 p. 8 p. ad 11 p. Wly at n.  
 Ely.

V. R. 1 m. & post 5 m; foggy die tot. Ely.

VI. Circa hunc diem in Berkshire Oakes torn up  
 by the roots: Corn sheard as if it were  
 mown. Harm at Stanford, Wadley, New-  
 berry. Curtis Intell. 153. 2 T. M. at Orleans, Bro-  
 vence, Rhimes, Scissions, shock Churches, and  
 threw down several Spires, &c. 2 m. and did  
 at Paris, Deux ponts, Bafil, &c. in Hungary,  
 May 8. destroying Houses, and burning the  
 Inhabitants. ☿ gr. 3.

1684. June 7. II 26.

A May 21. ad June 24. 10

May XXI. Wind. XXII. H. wind. Ely

XXIII. Brisk wind, red clouds in M. C. at n  
 Ely.

XXIV. Cold wind. Ely.

XXV. Fog, warm even. Ely.

XXVI. Close a. m. warm, wd. Ely

XXVII. Mist m. H. wd p. m. Ely.

XXVIII. Clouds gather suspiciously a. m.  
 warm p. m. Ely.

XXIX. Foggy m. stormy wd, gentle rain vesp.  
 welcome, hottish. Wly.

XXX. some rain vesp. H. wind. Wly.

XXXI. f. drille ante o. fine showring ante 12.  
 p. S W.

I June I. H. wd, threaten 11 m. Wly.

II. H. wd, warm, welcom, dropping d. m. m. p.  
 III. Gentle wetting once or twice. Wly.

IV. Cloudy, warm. a. m. r. Sun occ.

V. Hottish wd. Wly.

VI. Close p. m. Lightn. 10 p.

VII. Ely cold wd vesp. wonderful. Fall of the  
 Baro meter in the m.

VIII. Mist m. ☿ dark side very bright. ☿  
 little before it.

IX. X. Warm. Ely. Sly.

XI. Mist m. Colds complained of. Ely

H h h III. Warm.

XII. Warm, Ely mist.	Ely.	XX. Mist, drop. a. m. showry.	W.
XIII. H. wind Ely. All young Persons labour- ed with hoariness this Fortnight, and with Eruptions like to the Itch.		XXI. Hot, fine gentle showr 5 p. 6 p. Wly. clds ride Ely.	
XIV. Misty morn, hot.	Ely.	XXII. Wind, wet 8 m. Clouds ride contrary.	
XV. N. Hot, fair. So XVII.	Ely.	XXIII. Fog, suspicious for Thunder 8 m. h or. foultry.	Ely.
XVIII. Hot, foggy vesp. Sun rutilus, Drought. Leaves fall off Trees. Cattel fed. Winter fodder.		Jun VII. St. N. Continua siccatas facit rusticos ingemiscere & pene lacrymari, &c.	
XIX. Mist m. hot. Ely o. Wly n.		XXVI. Hot, brisk wd.	Ely. NVV.

§ 39. What I had to say to this Diary, usher'd it in : For as for Thunder, &c. That is so obvious from a *Martial Planet*, that it will tire the patience of any : only to *Griefes* I said nothing, of which sort of Instances I find but 24. and some not of ordinary Note. *Ptolemy* and the *Arabs* do not stick to profess such malignancy of  $\delta$ , to which *Heathenism*, if we will call it so, I must absolutely subscribe and averr a malignity in Planets, and their Mixtures one to the other, as we shall see. 'Tis not to be disputed in the mixtures of the Superiours with the inferiour. And so I have done with our Home Testimony.

For our Forreign Evidence we will produce only this Miscellany Table.

§ 40. Anno 1511. Comet terrible in <i>Agypt</i> , <i>Arabia</i> , &c. in signo $\delta$ a 30 <i>Maii</i> ad July 3. <i>Hevelius</i> . $\delta$ $\odot$ $\delta$ circ. $\odot$ 7. June 20. <i>Vesuvius</i> burns, <i>Ricciol</i> .	April 12. Whirlwinds raising the Sands up into the Air. Scorching East winds, as much as Flames of Fire. lb. 1135. $\delta$ gr. 8. cum $\odot$ .
Anno 1515. A Comet is mentioned like the $\odot$ , passing the whole Zo- diack in a short space. Inundati- ons followed. <i>Rochbach</i> . Sir. <i>W.</i> <i>Raleigh</i> , Cap. 4. $\odot$ 4. $\delta$ $\odot$ $\delta$ in a critical place this year, $\odot$ 17.	Anno 1545. July 25. Hurricane over all <i>Derbyshire</i> , with Hail as big as a Mans Fist. <i>Homes</i> , p. 199. $\delta$ $\odot$ $\delta$ gr. 12. cum $\delta$ $\odot$ $\odot$ gr. 4.
Anno 1522. Feb. 11. Stormy near Cape B. <i>Spér</i> . <i>Purch</i> . $\delta$ $\odot$ $\delta$ , $\odot$ 21. Jan. 31. cum $\delta$ $\odot$ $\odot$ .	Anno 1547. Sept. 16. <i>Fax ardens mi- ra Longit.</i> <i>q. or. in occ.</i> <i>Lente vo- lans</i> . Dr. <i>Dee's</i> M. S. $\delta$ in $\odot$ 26.
Anno 1530. A Comet in June, <i>Chron.</i> <i>Sax.</i> $\delta$ $\odot$ $\delta$ , Aug. 19. $\odot$ 7.	Anno 1549. Octob. 2. <i>Nocte venti rabi- dis. nec potuerunt esse vehementiores.</i>
Sept. 1. T. M. at <i>Cubagua</i> with stench of Brimstone. <i>Purch</i> . Vol. 3. p. 868. and 952. $\delta$ $\odot$ $\delta$ Aug. 19.	Anno 1557. Dec. 20. <i>Parelia</i> , <i>Lyc.</i> 615. $\delta$ in $\odot$ 29.
Anno 1532. Comet began with $\delta$ $\odot$ $\delta$ in $\odot$ . a Sept. 23. lasted ad Nov. 10. yea, to Dec. 8. <i>Appian</i> . <i>Fracaſtor</i> : apud <i>Hevelium</i> .	Anno 1552. Jan 12. Winds, Snow, Hail, rain, Thunder, Lightning in several places in Germany, as if Doomsday were come. <i>Lyc.</i> pag. 620. Inundations upon it incredi- ble. <i>Stadius</i> . <i>Tabl. Gemma</i> , With us at <i>Sandwich</i> , Jan. 13. drowned much Cattel. <i>Childrey</i> , <i>Transf.</i> p. 2066. $\odot$ . <i>Perig.</i> $\delta$ $\odot$ $\delta$ gr. 7. cum aliis.
Anno 1539. Comet a <i>Maii</i> 6. ad 17. <i>Appian</i> . apud <i>Hevelium</i> . $\delta$ $\odot$ $\odot$ in $\odot$ gr. 12. dist. and also $\delta$ $\odot$ gr. <i>toisidem</i> .	Anno 1554. Cometa. Febr. 19. <i>Trabs</i> <i>Ingens ab utroque latere.</i> <i>Lyc.</i> $\delta$ gr. 4. $\odot$ $\odot$ . Die 10: at <i>Schalon</i> in <i>Fr.</i> <i>ignis ardens cum fragore</i> <i>Lyc.</i> 636. $\delta$ gr. 5. una cum aliis.
Anno 1541. April 4. On the <i>Abassine</i> Shore great Storms from N. Thun- der, great Hail, which run through all points of the Compass. <i>Purch</i> . p. 1535. $\odot$ . 2. $\delta$ $\odot$ $\delta$ gr. 10. cum $\odot$ .	Anno 1556. Comet a <i>Mart.</i> 5. ad fi- nem



- nem April. Lyc. Gemma 2. 27. Camerar. Hevelius* ☉ gr. 12. ☿ ☿ 1. ☿ ☿ 11.
- Mart. 4. Tornado. Hakl. p. 112. Vol. 1. Mart. 5. Continual Rain to the end of the Month. Inde ad April 27. Serenity and Heat; more like June than April. Kyr. Howes 623. ☉ gr. 11. ☿ ☿ ☿ h.*
- April 10. T. M. at Constantinople, for 3 days; threw down the Church at St. Sophia. Lyc. ☉ gr. 3.*
- April 11. Lovanii vidimus ipse ardentis lampadis instar magnam in celis facem. Gemma, Lib. 2. p. 30.*
- April 23. Tempest of Hail at Brussels, extraordinary white: at Lovain fair Weather. Gemma lb. ☉ o. ☿ ☿.*
- April 27. Halo super D. Lyc.*
- Anno 1558. July 11. At Nottingham, Whirlwind, Thunder, beating down Churches, Heaving water into the Air; Hail, 15 Inches circumference. Howes, 634. ☉ gr. 8.*
- July 15. Hurricane in most parts of France, at the Hour of the New ☽, throwing down Trees, yea Turrets and Churches without number. ☉ gr. 9. cum ☉ ☿ and ☿ ☿ ☿.*
- Anno 1564. Sept. month so hot, the River ready to boyl; The Fish Dyed; our Men fell sick. Hakl. p. 331. edit 2. ☉ in princ. Orob.*
- Sept. 20. Flouds from the Thames, drowning much Cattel, Howes, 657. ☉ gr. 5.*
- Oct. 7. Heavens burning (of which before) Howes. So in Flanders. Gemma, ☉ ☿ ☿ cum ☿.*
- Anno 1569. Jan 13. Inundation at Lovain, Gemma 2, 63. Lightning fired severall Towers. lb. ☉ gr. o.*
- Anno 1573. April 29. Lovanii, ☉ look'd very pale, from Noon to hor 2. with a colour'd Halo. Gemma 2. 163. gr. 7. ☿ ☿.*
- May 11. Halo with Parelia. lb. Gemma 2. 165.*
- June 7. Tocester in Northamptonshire, Tempest of Hail and Rain, with Inundation, drowned much Cattle, carryed away 6 Country Houses. Howes, 677. ☉ ☿ ☿. ☿ h ☿.*
- Anno 1575. July 30. Harmful Lightning, hurting Men and Beasts Howes, 680. ☉ ☿ ☿.*
- Anno 1577. Inter Aug. 1. and 6 Storms. Hakl. p. 70. id. 2. ☉ gr. 3. ☿ ☿ gr. 8.*
- Aug. 14. Wind very great, Snow half a foot deep. p. 72, ☉ gr. o.*
- From August 24. ad 28. very much Wind, a fear of the loss of the Bark. p. 72. ☉ gr. 4.*
- Aug. 30. Surge of the Sea stroke in, and the Boat swam.*
- Sept. 1. Great Winds N E. great Storm, we lay at Hull, every Sea overlooking our Poop. p. 73. ☉ gr. 7. ☿ ☿ gr. 5.*
- Anno 1579. Sept. 9. North-East winds making us take in our Sails till the end of the Month. Hakl. p. 744. Vol. 3. ☉ gr. 4.*
- In September and October great winds and Flouds without rain, at Newport. Bedford, Chester &c. Howes, 686.*
- Anno 1583. Dec. 1. By contrary winds we were driven to Flimouth, Hakl. p. 134. Vol. 3. ☉ gr. 5. ☿ ☿ ☿. ☿ ☿ ☿. ☿ h ☿.*
- Dec. 18. By fair weather driven to Falmouth. Hakl. 16.*
- Anno 1586. Febr. 23. Bristol, very great Storm. Hakl. Vol. 2. p. 282. & ☿ ☿ 11.*
- March 28. Earthquakes mentioned at large in the East-Indies.*
- Anno 1518. May 1. Tempest of Rain and Thunder with alteration of Tides and Currents. Purch. p. 1. V. 2. ☉ ☿ ☿ h.*
- May 10. Storm from the West, day and Night, Mr. Candish in Hakl. Ed. 2. 822. ☿ ☿ 6.*
- May 16. Very stiff Gales, Id. as much wind as the Ship could bear. lb. ☿ ☿.*
- May fine. Tempest which scattered the Spanish Fleet Hows, p. 1. ☉ h ☿.*
- Anno 1590. July ab 11. ad 22. Calm and exceeding hot. neer Cuba. Hakl. V. 2. p. 240. Nay, in Germany and Netherland. Eichstad, Cat. An.*

Anno 1594. Month of *August* Hot and Fair, *Hoves*, *Ingens Calor*, *Eichstad*.

Sept. Great Rains, which raised high Waters in *Surrey* and *Sussex*, upon which the price of Corn rose, *Hoves*, ♂ ♂ ☉ ♀.

Anno 1596. *Eichstad* notes great heat. ♂ ☉ ♂ Oct. 15.

Oct. 11. At *Nova Zembla* it snowed so hard that they made a May-pole of Snow. *Hakl.* 3. p. 492.

Anno 1598. *Princ.* Thames almost froze. ♂ ♂ ☉. Dec. 1. it thawed, Dec. 18. gr. 4.

Anno 1603. March 12. Great Storm. *Purch.* part 4. p. 166. ♂ gr. 4. ♂ ♀.

April 28. Storm, no Ship able to live, *Lib.* 3. 192.

May 3. Another fore Storm, the Seashook all our Iron Work.

Anno 1605. Mar 29. Wind blew hard at *Virginia*. *Cap. Smith.* pag. 117. ♂ *Partil.*

June 11. *Ingens aestas.* *Eich-*

*stad.* Anno 1607. July 26. *Ingens calor.* *Eichstad.*

Anno 1609. July 24. Most terrible Tempests. *Psych.* p. 1. 1733. ♂ gr. 10. h ♂.

August 7. So much wind we were hardly able to keep the Shore, *Purch. Lib.* 3. p. 229. ♂ gr. 5. ♂ ♀.

Anno 1611. August 12. *vd* 27. Much Winds with Calms, and contrary winds with a great Current. *Purch. P. Lib.* 3. p. 267. at *Garda-seu.* ♂ ☉ h gr. 14, 13, 12 10: cum ♂ h:

Sept. 21. For 6 days the wind against us, which forced us to the *Leeward.* N. Lat. 10. with Strong Current, *Purch* 3. 278. ♂ ♂ ☉ gr. 2.

Octob. 2. Much rain *lb.* ♂ gr. 1.

Sept. 2. *Lao. S.* 24. gr. Between *Cape Bon Sper* and *Madagascar* we found no Westerly Monsons, but contrary Ely Winds, with extream Storms, Rain, Thunder and Lightning. *C. Saris.* *Purch.* 334. ♂ gr. 9. ♂ ♀ 7.

Sept. 10. Lat. So. gr. 17. Strong

Current, Wind N.E. 334. ♂ gr. 6. ♂ ♀ gr. 2. in *princ.*

Sept. 11. Lat. So. gr. A Storm, *lb.* the Storm continued with more Wind in the Night than the Day. ut 5.

Sept. 12. A Storm, *lb.* complaint of the Current. See, if ♂ ☉ ♂ be not vertical. *Purch.*

Sept. 16. Strong Current, So 17. ut *supr.*

Sept. 19. Extream Current suffered them not to stir, notwithstanding a fair and desirable stiff Gale, *lb.*

Lat. 16. So. usque ad Octob. 3. ♂ gr. 3. ♂ ♀ 11.

Anno 1613. *Octobris mense*, many Calms seen at *Prague* and *Vienna.* *Calvis.* December 7. Lat. N. gr. 33.

Very much Wind and Storms at N.W. ♂ gr. 8. Lat. 38. there we left the great Current; *Purchas.*

Anno 1616. Jan 3. The Wind rising we put to Sea. *Purch.* 901.

Jan. 10. 20. Lat. gr. 53. Great Stream went South-West. ♂ gr. 2.

Jan 13. 23. It blew so hard we were forced to take in our Top-Sails.

Jan. 14. 24. About Evening it calmed, and that Night we drave forward with a very hard Stream. Thousands of Whales.

Jan. 15. 25. Latit. 55. Stiff Gale.

Jan. 16. 26. Latit. 51. A flying Storm out of the West.

Jan. 17. 27. Very cold Hail and Rain. ♂ gr. 3. ♂ ♀ 8.

Jan. 4. *Frigus recte predictum* *Herlino*

Anno 1618. Mart. 7. A Flame over the Pallace in *Paris.* ♂ gr. 2. *supra.*

March 12. A terrible Earthquake in the *Indies.*

April 15. At *Meccha* great Heat, that men could not endure any Cloaths, not so much as Linnen; ♂ gr. 7.

April 21. Extream Heat with a Storm of Wind off the Shore, Thunder and Lightning vehement, but no rain; *Purch.* p. 624. ♂ gr. 7. ♂ ♀ gr. 7.

Anno 1620. April 20. A Taft of the *Tornados*, North Lat. 8. *Purch.* 723. ♂ gr. 7. ♂ ♀ 11.

- May 9. We cross'd the *Equator*; we would have cross'd it more Easterly, but the Current and wind would not permit. *Purch.* 1. 723. ☉ gr. 2.
- June 18. *Pluit largissime continues*, Kepler, ☉ gr. 8.
- Anno 1622. June 18. *Tempestuosum estus*. Kepler; ☉ gr. 4. ☉ & Partil.
- July 1. Very dark day Shows all night, *die eodem*, *Fulgur & Pluvia*.
- July 15. Near the *Ladrones* the *Tuffon* from the South broke two Calbes. ☉ cum 12 ☉. *Purch.* 2. p. 1853. ☉ gr. 5.
- July 19. Great rain.
- July 20. *Imbres crebri, tonuit*; Kepler.
- Anno 1524. August 18. In *Norico* *ripens* *Squalor*; Thunder, exceeding hot and dry. M. S. (*supra* ☉ & ☉) ☉ ☉.
- Anno 1626. Aug. 28. *Chasmata*, ☉ cum aliis; ☉ gr. 5.
- Sept. 13. *Ventus, serenum, mirant*; Kepler.
- Anno 1628. Nov. 6. *Pavelia*; ☉ gr. 4.
- Oct. English Fleet at the Isle of Re met with much Tempest. *Howes*, 1044. *die* 15. ☉ gr. 10. ☉ 8.
- Anno 1633. *Vesuvius* burns several years after. *Transact.* 968.
- March 6. *Cometa Lancea Instar*; *Calvis.* ☉ gr. 4.
- Anno 1635. April 6. Rain and High Winds, ☉ gr. 4. ☉ & gr. 11.
- April 17. Tempestuous Winds and Rain.
- April 19. Very turbulent Winds M. S.
- May 18. Hot and dry; ☉ gr. 2. ☉ & gr. 4.
- Anno 1637. June 15. Thunder, a Souldier slain by it at *Cassels*. *Kyr.* ☉ Partil.
- June 20. *Halo Solis*; Kepler.
- June 1. Earthquake in *Tours*; ☉ ☉ & ☉ ☉ gr. 5.
- Anno 1639. July 24. Frost and cool.
- Aug. 3. *Iris Lunaris*. *Kyriander*.
- Anno 1641. Aug. 25. and 26. Thunder; *Kyriander.* ☉ gr. 3.
- Anno 1643. Oct. 3. Fiery Meteors in *Breslaw*; ☉ cum 4.
- Anno 1648. Jan. 5. Chasms in the N. M. S. ☉ gr. 3.
- Anno 1650. *Vesuvius Burns.* *Calvis.*
- April 29. Formidable Thunders, Rain near *Leicester* especially, M. S. ☉ gr. 3.

§ 41. The famed Violence of this Planet will be best apprehended when we have seen his Configurations with the ensuing Planets; yet, even here 'tis conspicuous in his share of Heat, Storms, Lightning, &c. and the Flames of *Vesuvius*, Comets of extraordinary Shape, and if any other Novelty steps in.

§ 42. Here we may be excusable if we bring one and the same Instance under several Aspects; thereby admonishing, that the grand Productions of Nature are owing, not to our single Cause, but to many, who are hired out, and employed for the Service, as may be seen in all Works of Nature. So my very Pen moves not now, but by the Assent and Consent of all those numerous Muscles, Veins, Arteries, Nerves, which make up the Fingers. We have mentioned nothing in our Table but what we would willingly speak to in its turn.

And First, Comets stare in our Faces, as Anno 1511. 39. 54. 50. But the Truth is, they do not preserve, for we heard of no more, till Anno 1633. We shall see what they will do in the next in the Two Superiours. For the reason I perswade my self why a Comet shews it self, one year rather than another, and why so thick and frequent in some years, as 1618. 1665. Why *Hecla* Mountain flamed not from Anno 1558. to Anno 1597. Why *Vesuvius* sometimes two years together: Why every Twelve years the *Indians* look for their *Tuffon*, their Ail-destroying Whirlwinds? (Arduous Questions which the Worthy *Democritus Junior* proposes to us.) The



Reason in general can be no other but this, though there be eminent Strokes in these Productions of some peculiar Cælestial; yet there happens, or happens not a Concurrence of all Requisites in such and such determinate postures, and Habitues; and distance, *Quibus positis*, the Result follows. For if one or other be wanting, the Effect gives no appearance. Where a Comet begins with  $\delta \delta \odot$ , whether alone, or in Company with  $\delta \varphi \varphi$ . I take this to be an eminent Stroke of our Planet or Aspect.

§ 43. What should I reckon up the Lightnings, Storms, and Tempests, for they are next, which occur. Oh, Had our Intelligence been uninterrupted and uniform! but the very Times did not bear that; 'tis not yet 200 years since the *Indies* were known by *European* Navigators; nor did Navigation flourish with us till *Q. Elizabeth*. Howbeit more might have been amassed together; but that we judged some loss of time, as *Hevelius* also complains, when he sought out the History of Comets. This let us observe, that as deficient as our Table may appear, there is scarce a  $\delta$  within these last 100 years, but contributes some remark favouring our Fiery Meteor.

§ 44. Among which there occur once or twice Burning and scorching Winds at the Famous Port of *Sues*, at the hither end of the Red Sea; which put me in mind of *Ptolemy's*  $\pi\upsilon\epsilon\lambda\iota\alpha\sigma\tau\alpha \delta\epsilon\pi\upsilon\alpha \delta\epsilon \pi\upsilon\lambda\iota\alpha\sigma\tau\alpha$ , Hot and Melting Blasts, and shews to what Climes *Ptolemy's* Character may be properly reckoned; and withal that the Character it-self is no Figment, but grounded upon Experience and Observation, as all good Learning is.

§ 45. Halo's, Rainbows, and *Parelia* are noted; but they belong as hath been said, to a Conflux of Planets. For the Sun alone makes not any Rainbow that is vivid or Illustrious; nor doth the  $\gg$  solitarily cause an *Halo*; but the  $\odot$  and  $\gg$  are assisted sometimes by  $\varphi \varphi \delta$ , as in less matters, when the Evening is red at  $\odot$  set, and then overspreads the Hemisphere; There is beside the  $\odot$ ,  $\varphi$  and  $\varphi$  near the Horizon, or  $\delta$  or  $\gg$  be either East or West, or perhaps in *Medio Cæli*.

§ 46. I may add further as to Comets, that although they appear not within the Verge of what may be called a  $\delta \odot \delta$ , yet they appear often when our Planet is associated with the rest, I mean, in the same Hemisphere; for we are willing to believe that more Comets are kindled in that space than when he wanders alone in the other, the  $\delta$  being more potent than the  $\varphi$ .

§ 47. This though we have not mentioned, it is certain that the Aspects of  $\odot$  and  $\delta$ , especially our  $\delta$  are of Mal-Influence to Mens Bodies; and in token whereof we shall find those years complain of Epidemic Distempers, &c. with their  $\delta$  of  $\delta \odot$ . Yea, even all the very time of the Conjunction: I could have inserted a large Table to this purpose from all parts of *Europe*, and undeniable it is: Put these Two Observations together, and the Corollary will be, that upon this account, Comets may signify unhealthy times, New Diseases, Plagues, &c. even as they do Earthquakes and Inundations, being the *Com-Productions* of those Superiour Causes which are the Authors of the aforesaid Evils. For if it be once granted, that the Cælestial Bodies are the Causes of the one with the other, the Earthquake with the Comet, then the Comet may be a Sign of the Earthquake, and whatsoever comes in Prospect with it. Hence upon this account many times, may the Earthquake antecede the Comet (not always follow it) because 'tis not the Comets, but 'tis a joyn't Effect of a Third Cause according to Natures Method, Productive of both. Now Nature's Method is not always the same as in *Smoke* and *Fire*. The *Smoke* commonly precedes; true, in *Green* Combustibles, but not in dry and unctuous; There the *Flame* precedes, and the *Smoke* follows. Now how comes *Smoke* to be a Sign of *Flame*, but because one common Incentive produ-

ceth both. A Comet therefore following an Earthquake, though it looseth the *Præmonitory* part, yet it looseth not the Nature of a Sign, because, though for the most part it doth by its precedency præmonish: Yet it is *subsequent* too, and so a Sign, not of what's *future*, but what is *past*: As the *Footstep* is a Sign of an Inhabitant. So much for that.

§ 44. But we have a greater Task in hand, and that is the *Currents* of the *Ocean*. Now, a *Current* you must know, is such a Tide or Stream peculiar to a place that it shall frustrate the Mariners reckoning, and set him back 20. or 30. Leagues, when he, (the Wind being not able to Stem the Force of the Stream) shall think he is so many Leagues advanced. The Philosophic Royal Society to excellent purpose have desired, that all Navigators should take notice of the Current in all parts of the Sea, for the improving Navigation: Which the Seafarers moved by their own Judgement and Interest, do daily practice. 'Tis not many days since that I strongly suspected any such Novelty (for they are not always Constant and Unchanged) to relate to the Heavens. How many Noble Problems will a good Astrology solve! May I without Envy endeavour the Invention? Perhaps it is made out in our Table. What saith Sir *Henry Middleton*, in his *East-India Voyage*, in *Purch. Lib. 3. § 5.* From *August 12. to 27.* (this is  $\delta \odot \delta$  time) A great Current setting South-West 4 Miles an Hour, so that what we got by a favourable Wind, we lost that, and more, when it fell Calm, being tarried back by the Current. Here's a Fortnights experience at first Introduction. Their Latitude above *Gardefeu*. Again, another Captain, *Sept. 21.* nearer the time of  $\delta \odot \delta$ , which happened *Sept. 27. = 13.* For 6 days together the Wind against our will forced us to the *Leeward* (toward Shore) with a Strong Current. *Lib. 3. Cap. 12. § 1. p. 278.* After we had got clear of these dangers, we found the Current to carry us to the Northwards Thirty Leagues, when we thought we had pass'd but Fifteen. *ib. Oct. 10, 11, 12.* we found our selves to lose more and more every day by the Current. *ib.* Latitude by Judgement 70 Leagues above the *Mozambique*. Third Captain near *Madagascar*, or *St. Lawrence Isle* 3 *Sept. 10. Lat. South. gr. 17.* A strong Current setting South-West, having a stiff Gale we could not but have run these 24 Hours, 24 Leagues, but in the Evening we made to the Island about 4 Leagues off. *Sept. 11.* We were carried by the force of a Current to the Southward, almost a degree Southward. *Sept. 13.* The Current very strong against us. *Sept. 19.* We steered North-East, but by the extremity of the Current we were carried to the Southward; so that we were 10 days, and could not get to the Northward; notwithstanding we had a reasonable stiff Gale. *Lib. 4. p. 335. Sept. 21.* The Current did set exceeding strongly to the South-West, by West, &c. *Sept. 22, 23.* We laboured to get rid of the Current. *Octob. 3.* We came to an Anchor after much Trouble by Currents. *p. 336.* That the Cause is from over-head, the Seamen themselves suspect: some have said it is the Full  $\odot$ . *Purch. p. 192.* Others have said, (at times) it is the New  $\odot$ . And they who expect to get clear of them by Alteration of the Latitude, the depression of the *Pole-Star*, and the like: I can make it very probable that here at this year, in this Latitude, considering in what Sign our  $\delta$  is celebrated, in an Equinoctial Sign of  $\simeq$ , and this over an Equinoctial Latitude, that our  $\delta$  of  $\odot$  and  $\delta$  doth trouble the Waters: Especially when the Tables furnish us with the like Evidence at the same  $\delta \odot$  and  $\delta$  in a different Month- and different Latitude, *Anno 1612.* Add a Third Testimony from a  $\delta$  in *January*, in another difference of Latitude, we felt a great Stream, saith the Seaman. And a 4th. *Anno 1620. May 2.* the  $\delta$  being found *May 16.* 'Tis out of road to pursue it further here: If it proves thus, it will become our Seamen to be no Strangers to *Conjuncti-*

ons, to know a New  $\delta$  as well as  $\gamma$ , and the  $\delta$  of  $\delta$  and  $\odot$  with them. Yet let no man think I appropriate it to a Martial Aspect, but I look upon  $\delta$  as one of the Celestials which moves the Sea. And if  $\odot$ , then by *Gali-*  
*leos* his favour, there will be no need of moving the Earth for the Flux  
 of the Waters. To the  $\odot$  and Stars it belongs, which seems to be  
 proved from hence. For if a part of the Heaven move a part of the Sea  
 (a Current) then the *Whole* moves the whole.

§ 49. And let no man object  $\delta$  his unreasonable distance in my first In-  
 stance, viz. of gr. 14. for that Four Nights time terminates nearer to gr.  
 12. 10. which we proclaim aloud to be a Legitimate distance, such as doth  
 strengthen, rather than invalidate the Influence of the Application, as we  
 have said before, before ever we dream't of such use to be made of it. But  
 then secondly, we have nearer applications of  $\delta$  to  $\odot$  in the other 3 years;  
 yea in the very same. No, let us rather see by this how the Celestial  
 Bodies irritate the Waters,; (Beside the additions of moisture which they lend  
 the Waters) they put them into a Heat and a Ferment, and make them  
 run over, as I suppose. Both Tide and Current, which are aloof from  
 Shore, Ordinary and extraordinary, come to pass by a Fermentation: see  
 something of this, *Feb. 11. 1680. III. Tides in 5 hours on our Home*  
*River.*

§ 50. To conclude, as the Heavenly Bodies operate on the Elements, so  
 do they one upon another; to all seeming, I mean, as the Sun seems to be  
 eclipsed: Histories note, and Astronomers also take notice that the Sun  
 it self suffers, labours, and looks pale, *Nec profunt Domino*, saith the Hea-  
 then. Much ado hath been made from before in Heathen time, with the  
*Macula Solis*; nay Spots are observed now with a delicate curiosity in the  
 other Planets. The Learned *Ricciolus* bids us be gone with our Astrology;  
 as if all the Changes of the Air were to be imputed to the  $\odot$  alone, with  
 such *Macula* or without, Injuriouly and Unhappily: The First, because 'tis  
 plain, or may be plain, that the Sun alone, or  $\gamma$ , cannot be the Causes  
 of the Changes of the Air, or Seasons of the year. The Second, because  
 these Spots are the Products (I speak probably again) of those very *Con-*  
*junctions* and other Aspects, which He with others, proscribes. This the  
 kind Reader will give me further time, if need be, to make out.

§ 51. Take we with the Character of the Aspect.  $\delta$   $\odot$   $\delta$  is apt to Heat,  
 and sometimes even in these Northern Climes, to Dryth; but more fre-  
 quently to Lowr, Bluster, Rain, (gentle or dashing) sometimes to Hail;  
 which though it be rare, is more frequent under the Martial Aspect than  
 in other Aspects. In a weaker Condition it admits, against its will, a  
 Frosty Season. 'Tis apt to colour the Clouds rising or setting with the Sun.  
 It is voic'd and truly for some malignity of Influence upon our Bodies,  
 whether (which is to be noted) it be Summer or Winter, Hot or Cold;  
 as to Frosty Seasons, with a little Help, it uses to cause some Relent, or  
 to bring Snow.



## CHAP. V. Opposition of Mars &amp; Sol.

§ 1. The Opposition and its Diary. 2. The Breviate of the Diary.  
 3. ☿ ☉ more cold than ☿ ☉. 4. Because ☿ in general is cooler.  
 5. Because the ☿ ☉ is shorter liv'd. 6. ☿ in Perigee helps to smart  
 Influence, yet he is but solitary, and therefore not so brisk. 7. His  
 Thunders in Summer do not hold in Winter. 8. Ninety one days of  
 118. either Rain, or Wind, or Heat. In frosty Seasons ☿ sits un-  
 easie. 9. Fog and hazy Air. 10. A Tempest given, a Philosopher  
 may know the Hour of the day. 11. Forreign Table. 12. ☿ and  
 ☿ of a like Influence for the Main. 13. Maculæ Sôlis. 14. Thames  
 flows thrice in 9 Hours. 15. Suddain motion of the Mercury in  
 the Barometer. 16. The Dismal dark Sunday, 17. Frosts are not to  
 be ensured. under ☉ ☿. 18. Why ☿ in Perigee is sometimes seen.

§ 1. Conjunctions we have consider'd, but this is the First Opposition  
 which comes in our way, the Lunar excepted. We will present  
 its Table, because of its use; yea, because it is short, and not clogging.

☿ ☉ ad intervall. hinc inde, grad. 5.

1653. m 8. 25. May 6.

III. Cloudy, windy. SW.  
 IV. Showry, windy. S w.  
 V. Very hot, ropes. SW.  
 VI. Hot. SW.  
 VII. Hot and raining rain and thunder at n. S W  
 VIII. R. m. Windy. W.  
 IX. Cloudy, some wind. W. S.  
 X. Some Thunder, wind pretty high. S W.  
 S. black frosty morning.

1655. July 11. ☿ 28.

VII. Offer at noon. N.  
 VIII. Lowring m. hot 2 or 3 drops. N.  
 IX. Hot, lowring. N.  
 X. Foggy m. coolish, high wind. S E.  
 XI. Bright, cool wind. mist. N E.  
 XII. H. wd, bright. N E.  
 XIII. Excessive hot, thunder. S E.  
 XIV. Red m. hot. S E.  
 XV. Very hot, clear. S E.  
 XVI. Thunder 4 in M. Showring and rum-  
 bling die tot.

1657. Sept. 28. ☿ 15.

XXVII. Red clds Eastward. N W.  
 XXVIII. Wind n. frost very cold. Nly.  
 XXIX. Stript clds, cold p. m. f. moisture ☉  
 occ. misty. N E.  
 08. I. Close, dark, cold wd, wetting 2 p. 5 p.  
 6, 7.

II. Warm air, ropes, ground mist, Meteor. N E

1659. Nov. 21. ☿ 9.

XVIII. Fair, frost. XIX. Frost, fog.  
 XX. Frost, fog die tot.  
 XXI. Extream fog, Watermen lost their way.  
 XXII. Fair, fog at night, and fr.  
 XXIII. Fr. fog.  
 XXIV. Dark morning, fair p. m. some rain  
 at night.  
 XXV. Fair, frost at n.

1661. Dec. 30. ☿ 19.

XXVII. Storms of great rain 1 p. showrs 6 p.  
 9 p. H. wind.  
 XXVIII. H. wd noff. tot. S W.  
 XXIX. R. noff. tot. and so noon warmish. S E.  
 XXX. Great rain 1 m. H. wd S W.  
 XXXI. Fr. close, clear. S E.  
 I Jan. Wet N. warmish. S E.  
 III. Drifling a. m. warmish. S E.  
 III. Fr. SW.

1664. Feb. 3. ☿ 24.

Jan. XXX. R. ante luc. cold shower 5 p. N.  
 Jan. XXXI. Close m. p. cold, freez. N E.  
 I. Feb. Fr. very cold, mist, mild p. m. wetting  
 9 p. S W.  
 II. Warm, close most part, brisk wd. S W.  
 III. H. wind, some wet at Sun set. S W.  
 IV. Windy, coasting hail 1 p. some drops 7 p.  
 K k k V. Windy

V. Windy p. m. and some rain S W.  
VI. Wind drizzle 10 m. great rain 4 p. 8 p. S W.  
N W.

1666. March 8.  $\pi \times 28$ .

V. Dry, hottish. Wly.  
VI. Hottish W, gentle showers 3 p. W.  
VII. H. wd A. L. fine showres o. 2 p. 5 p. Wly.  
VIII. Sweet rain a. m. *per tot.* R. 2 p. 5 p. 9 p. Wly.  
IX. f. moisture m. fh. a. m. hail 5 p. drop 6 p. W.  
X. Fog m. a. m. Ely. Cold rain 7 p. 9 p. Wly.  
XI. Cold drops a. m. pouring rain a 2 p. *ad usque* 3 p. W.  
XII. Fr. fog, cl. in *Scenes*, cold gentle rain 11 p. Ely.

1668. April 17.  $\propto m 7$ .

XV. Lowring, scarce any moisture. E.  
XVI. f. heat-drops, thick. E.  
XVII. Gr. dew, bright, hot. Wly.  
XVII. Windy, cool, bright. N E.

1670. Jun 22.  $\$ \vee o$ .

VIII. Warm, high and cold wind 11 p. Wly.  
IX. Warm mist on the hills at night. Wly.  
X. Warm clds fly low. Nly.  
XI. Cobwebs, warm, Owl 9 p. 11 p. Nly.  
XII. Bright, windy, especially at noon, Owl N E.  
XIII. Hot, bright, windy. Nly.  
XIV. Windy, fh. 1 p. dashes 4 p. Wly.  
XV. XVI. Hot, fair. Nly.

1672. Aug. 30.  $\times \pi 17$ .

XXV. Close most part, warm. Wly.  
XXVI. Close and troubled, warm. Wly.  
XXVII. High wind, dashing o. drizzle m. p. S W.  
XXVIII. Higher wind, dash 10 m. N W.  
XXIX. High winds *die tot.* rain 7 m. *ad* 11 m. S W.  
XXX. Very high wind *die tot.* drizzle 7 m. f. drops Sun occ. S W.  
XXX. Wind and rain *ante L.* wet p. m. Sly.  
Sept. f. rain 3 p. dash 6 p. Wly.  
IL H. wind and coasting showrs at *North-Cray*. S W.

1674. Nov. 3.  $\propto m 21$ .

Oct. XXX. Wet *die tot.* wind, high wind at night. Wly. S E. Aches *Index* rose to L. and then returned to 35.  
XXXI. Fair, Wly. Aches.  
Nov. I. ♀ seen here about; misty, dark wd, and offering 4 p. S. E. Barometer XIV. and while I looked on it it strook to

20. circa 5 p. Achss. gour, *Hernia*.  
II. Wet 9 m. o. 2 p. 7 p. much rain, H. wind ante L. Sly.  
III. Showring, high wind o. S W.  
IV. Misty at n. Aches.  
V. Fr. bright. N W.  
VI. Foggy, frosty, Ely. Aches.

1676. Dec. 16.  $\$ \vee 5$ .

XII. Fog, snow, *vesp.* Thames even quite frozen.  
XIII. Snow, frosty.  
XIV. Bitter frost, fog.  
XV. Frosty, offer sn. N.  
XVI. Frost, close, dark. Wly.  
XVII. Sn. m. Fog, indispositions, ♀ with *Pleides*.  
XVIII. Severe frost. N W.  
XIX. Fr. fair. NW. Note that 2 days after, it rained.

1679. Jan. 21.  $\propto m 11$ .

XVII. Fr. f. little relent. Ely.  
XVIII. Fr. not very cold. N E.  
XIX. Frost, great fog taken up. 10 m. N E.  
XX. Frosty, wind. Nly.  
XXI. Sharp wd, fr. not so hard, f. snow, f. thaw.  
XXII. Red m. S E. Frost, thawing finely, drizzle.  
XXIII. No fr. some snow and thaw p. m. *per tot.* N E.  
XXIV. snow m. p. n. again 6 m.

1681. Feb. 22.  $\pi \times 15$ .

XVIII. Fog, bright, rain a. m. *per tot.* Sly.  
XIX. Wet 9 m. *ad* Noon so p. m. m. p. R. 8 p. Wly.  
XX. Rain m. gusts 4 p. and some rain, warm. Wly.  
XXI. R. 1, 2, 5 m. fog, cold, high wind. Wly.  
XXII. Fog, bright, wind, rain *ante* 9 m. & a. m. warm and some rain p. m. Ely.  
XXIII. Mist, cold and daying. Nly.  
XXIV. Fr. m. mist m. 9 m. Sly.  
XXV. R. *ante* 8. suspicious p. m.  
XXVI. Foggy, some rain *ante* 5 p. Ely.

1683. March 31.  $\propto \vee 20$ .

XXIX. Stormy wds blowing the dust on high  
XXX. Fog m. dry S W. wind. Wly.  
XXXI. Little fh. Noon. wp. Aches.  
April I. H. winds, f. drops 11 m. wetting 3 p. cold, N W.  
II. H. wind and storm noon D M. C. with *Sol* and *Mars*. Storm and drops *Antica* 4 p. Cold by all mens confession P. M. NW  
III. Cold m. often clouding N W.  
IV. Fr. m. blofftering m. cold, Small Pox, Meazels discoursed in London and *Windfor*.  
V. Cloudy 4 p. and a shower. N W.

§ 2. The Breviate of this Table stands hereabouts.

Days 118.			
Express Warmth.	18.	Fila.	3.
Heat.	14.	Ground-mist.	11.
Rain.	35.	Thunder.	24.
Store or dashing.	16.	Wind.	20.
Hail.	2.	Stormy Wind.	21.
Snow.	8.	Frost.	27.
Mist.	6.	Cold.	10.
Fog.	17.	Dark.	5.

§ 3. Wherein you see that this *Martio Solar* ♀ is futable to the ♂, only as the Nature of the ♀ requires: You see at the Foot of the Table it admits more frequent Cold; the Nature, I say, of an ♀ in general, admits of Cold, rather than ♂, upon the same account as the Breath of my Mouth at a distance feels cold and rough upon the Hand, which is warm and gentler when the hand is set nearer to the Lips. In like manner as in an ♀ ☉ ♀, colder and rougher Blasts are oftner seen, than at the Change.

§ 4. The reason is, because ♂ or ♀, or any other Planet in ♂ with ☉, acts chiefly, *Virtute reliquorum*; for wherever the the Sun is conspicuous IV. or V. of the VIII. Good Planets and True, are up at their Day-Labour; whereas in the ♀ one of the Planets (besure) concerned, is absent, and so is in some incapacity of conspiring as effectually with the rest, who then make their appearance.

§ 5. Add, that the days concerned in the ♀ are fewer in Number than the days of the ♂, where the Planet Aspected with the Sun being Retrograde. as ♂ here, is sooner disengaged from any respect to the Sun; the one falling back where the other keeps his place.

§ 6. A man would have thought that this ♀ would have outdone the ♂; because of the *Perigee* of the Planet in the ♀, nearer considerably to the Earth, then in the ♂. *Tycho* making him lower than the Sun at such time, and shewing a greater Parallax. No doubt, this difference of Situation approaching to the Earth and to the Sun whom it faceth, makes the attaque hotter, and the grapple of the Beams more close and compact; but yet, as we observed in the ♀'s *Opposition*, the solitariness of the Planet helps to cool the Courage, in proportion to the Fortitude it is endued with by the Approximation. And therefore our Sums of Rain and Wind sink under the ♀, though they did not flinch under the ♂, that being more able to be responsible for so many days, than ♀ for half so many.

§ 7. This is clear and open; we confess what we find, we do not strive to wrack up Testimonies to make good any anticipated Fancies as I thought my self, when at the First observation in *Anno 1652*. I was greeted with Rain and Thunder; as *Anno 1655*. I should find a bloody Aspect of ♂. But ♂ proves not so Termagant, the Vicissitudes of Nature, and the Northern Climes take off much from his edge.

§ 8. To proceed then, the Sum of our days for Fourteen *Oppositions*, All which are found in 30 years, amounts to 118. The Sum of our Rains, 51. What do we stand Pedling? Rain, or Wind, or Heat, 91. As to the Cold and Frosts, we have spoken enough already; For Thunders, we have scarce 5 or 6. But bating the Winter Months of 1661. 1664. 1674. 1676. 1679. 1681. Seven of the Fifteen, you shall observe that those Months which Thunder nor, were not asleep. You shall find Rain and Winds, *An. 1657. 1666. 1672. 1683.* Heat and Soultry Air, *Anno 1670.* For ♂, take him where you will, is a vehement Planet, to which if you will confront us with



avehement Frost, Anno 1676, and smile at our Zeal, we have prevented That Frump, by observing that  $\delta$  sits uneasie in such Icy Chains, and takes opportunity to strike Fire out of the Cold Steel, even in Winter it self; and that in our Neighbour Countries (the like we presume in different parts of *Lapland*, but that I cannot maintain so large an Intelligence) of which we have given you, I am sure, one Instance from *Gemma*, and shall suddenly from *Calvisius*, produce another. Howbeit, Less Symptoms will argue a Distemper of a Planet, than such downright Fury.

$\delta$  9. And whereas I once thought it good to take notice of Fog among other Concomitants of the Aspect, I believe now I had reason so to do, since I find the Antients to take notice of *Humiditas Horizontis*, among the Effects of the *Mamareth* of  $\odot$  and  $\delta$ . This I interpret to be Hazy Air, as the Seamen call it, when 'tis misty in the Horizon, and clear in the Zenith. See the Table in *Escuid. fol. mibi 33.* in the Signs of  $m$  &  $\infty$ . This hath been observed under the  $\delta$ , but here is Authority to our Experience. Now if the *Arabs* allow a Fog on hazy Air in their more Southern Hemispheres, how much more must it prevail with us in Northern distance, where our case is sometimes that of *Nov. 21. 1659.* when such an *Aegyptian* darkness hover'd over us both by Sea and Land, that our Day-Labourer was benighted, and our Vagabond Waterman lost in his Boat.

$\delta$  10. Here we must not forget our punctual Evidence from the Critical times of Noon, Sun-rise, Sun-set, as before in the precedent Lunar Aspects; by which a Philosopher may know the Hour of the day, many times, by the Showr; for if it rains about Noon, I hear  $\delta$  strike as well as the Clock, unless with vulgar People (in matter of Eclipses) you will believe no Phenomenon Celestial but what you see; when as then at Even, or Sun rise, I find it rain, &c. A Philosopher doth as verily see  $\delta$  glaring on the Sun, as he in the Story saw, by force of Refraction, the Eclipsed  $\triangleright$  facing the Sun at the same Instant. Now, with recourse to the Table, take notice to this purpose, of what happened *vesperi*, May 7. Anno 1653. What at 4 m. July 16. Anno 1655. What at Noon, Sept. 24. Anno 1657. and so please to go on:

So we pass to our vagrant Table.

$\delta$  of  $\odot$  &  $\delta$  with a Little more Latitude than the former Table.

1506.  $\delta$  circiter Jan. 26.  $\approx \Delta$ .  
 $\delta$  11. Jan. 15. ad 26. King Philip's Tempest sailing from Flanders to Spain, driven on the English Shore, to which *Stow* adds, the Eagle from the Spire of St. Pauls blown down, *Lycost.* antedates it.  $\delta$  &  $\odot$  cum  $\frac{1}{2}$ , &c.  
 April 8.  $\delta$  m.  
 1510. T. M. in many parts in Italy, *Lyc.* 516. the Month not specified.  
 1531. Cometa Fracastorii a Sept. 8. ad 18. *Ricciolus*, p. 9. vide  $\delta$  &  $\Delta$   $\delta$ .  
 1533. Nov. 25.  $\approx \Pi$ .  
*Eod. die*, In the Province of Torgaw

in Germany, the Sitter (a River) dammed up by an Earthquake. *Lyc.* so *Mezaldus*, p. 245.  $\delta$  &  $\odot$  cum  $\Delta$ .

1538.  $\delta$  circa. Febr. 4.  $\approx \Delta$ .  
 Jan 20. Basil shook with Earthquake. *Lycosth.*  
 Jan 19. ad diem 22. Comet in  $\times$  following the Sun. *Mizaldus, Apian, Gemma, Lib. 1. p. 211. cum*  $\delta$  &  $\odot$   $\frac{1}{2}$ . circa gr. 10. *Lycosth.* misplaces it.  
 1540.  $\delta$  circa Mar. 9.  $\approx \times$   $\Pi$ .  
 Mar. 2. & 3. Tempest dangerous. *Hakl. Vol. 3. p. 422.*

Mar.

- March 8. Tempest dangerous still, *Idem*. 423.
- March 9. Great Wind and Rain; every thing in the Ship wet. *Id.* ☉ ☽ ☿. circa h opp.
- Mar. 13. Great store of rain (they say in *Gassel*.) *Id.*
- March 14, 15. Tempests brake two Cables.
1632. Circa April 22. ☽ m.
- Contrary Winds that we could not reach to *New-found-Land*, till the VII. of June. *Hakl. Edit.* 2. pag. 240. ☉ ☽ h.
1644. Circa June 24. ☽ v.
- June 16, 17, 18. Tempest of Wind in *Sundgoy*, &c. destroying Corn-Fields, Vineyards. *Lyc.*
1550. Circa Dec. 18. ☽ v. init.
- On this very Dec. 18. The *Thames* flowed Trice in 9 Hours, mentioned by *Fromond. Meteor. Lib. V. Storm. pag.* ☉ cum ☽ ☿ ☽.
1553. Circa Jan. 21. ☽ n.
- Great Halo about the Moon for 3 hours, at *Basil. hor.* 8.
1566. ☉ circa July 11. ☽ v.
- July 1. So much Wind that we spooned afore the Sea, *Frobisher* in *Hakl. Edit.*
1678. ☉ circa Sept. 26. ☽ v.
- Octob. 8. A great Storm. *Purch. part* 1. p. 50.
- Cometa iterum visus est in Fronte Pegasi.*
1680. ☉ circa Nov. 18. ☽ II princ.
- Lat. North 63. Contrary Winds and Foul till day 18. *Hakl. pag.* 475.
- Comet ab. Octob. 2. to Jan. 24. *Hevel.*
1582. ☉ circa Dec. 26. ☽ v.
- Dec. 18. Fair Weather but stiff Gales. *Hakl. Vol. 3. p. p.* 183.
1517. ☉ circa March 4. ☽ m.
- Febr. 23. Foul Weather, *Hakl. Edit.* 1. Very great Storm. 23. Another great Storm, *Hakl. p.* 224. *Edit.* 1.
- March 1. Storm at N. continued 3 or 4 days. *Mr. Cavendish Voyage.*
1593. ☉ circa Aug. 30. ☽ m.
- Comet July 01. ad August 21. *Hevel. Quere*, in ☉ ☽ ☿.
1595. ☉ circa Octob. 31. m n.
- Octob. 26. Storm separated the Fleet, *Sir Francis Drake apud Hakl.*
1600. ☉ Circa June 16. ☽ n.
- Starr in *Cygni pectore*, in ☽ 18. Lat. 55. N. *Kepler de N. Stella.* Jan. 20.
- The *Thames* almost froze in Seven-nights. *Hovius*, Stormy, *Purch* 1. 75. Jan 2. ad 8. continual Rains, *Id.* pag. 73.
1602. Febr. 13, 14. *St. Vet. Terræ Motus*, W. High Winds, *Transact.* 2065. ☉ cum ☽ ☿ ☽.
1604. ☉ circa March 27. v ☽.
- April 4.
1608. ☉ circa July 22. ☽ n.
- July 26. Great Thunder, Lightning, Rain; *Calvis.* cum ☉ h ☽.
1640. ☉ circa October 6. ☽ v.
- Sept. 26. Winds drive us ro the shelter of a Rock; The *Tramontana* from the Black Sea brings often with it such Storms.
- Sept. 10 ad Oct. 10. Current, *Purch.* ☽ ☽ ☽ ☽ ☽, which Aspects being spent, the Currents were lost.
1612. ☉ circa Nov. 28. ☽ II.
- Nov. mens. *Terræ motus* in *Westphalia*; per. integr. mens. *Calv. I. Nov. & Dec.* Continual Flouds and Rains at *Siam.* *Purch.* 322. cum ☉ h ☽.
1615. ☉ circa Jan. 7. ☽ v fine.
- Jan. 18. Lat. S. 8. degr. Violent Current set us an hundred Leagues back, *Purch. p.* 1. 525.
- Jan. 1. In *Thuringia* when other places were frozen, Storms, Lightning, Thunder; *Calvis.*
1617. ☉ circa Febr. 7. ☽ n.
- Febr. 6. much Foul Weather in the Downs. *Purch.* 631.
- Jan 29. *Tonitu Fulgur, Terræ Motus*, *Kepl.* A Steeple rent with Thunder at *Spelhurst*, *Strasbourg* Tower at the same time. *Kepl.*
6621. ☉ circa April 24. ☽ m.
- April 22. *Pluit, tonuit in Suevia*, *Kepl.* where he commends some of his poor Aspects, whereas our ☽ lies within 2 days of it.
- Febr. 7. & March. Very foul Weather, *Purch* 1. 655.
1623. June 23. Formidable Tempest at *Strasburg*, Fired their Magazine of Powder. *Calvis. Kyrian.*

- June 24.  
 1625. ☿ circa Sept. 12. ☿ v  
 1625. *Chasma*, Kyr.  
 1629. ☿ circa Nov. m ii.  
 Nov. 14. *Heimlichen Erdbeben*,  
*Kyriander*.  
 1629. ☿ circa Dec. 22. v s.  
 Jan. 1. 1630. Here began exceeding  
 wet M. S.  
 1632. ☿ circa Jan. 26. ☿ ☿.  
 The American Fleet routed by Tem-  
 pests.  
 1636. ☿ circa April 7. v ☿.  
 April 7. Heat, Rain, Thunder, Light-  
 ning, Kyr.  
 June 11. Thunder and Earthquake in  
*Culabria*.  
 1637. May 28. Much Thunder and  
 dashing. Kyr.  
 1640. Aug. 11. ☿ ☿. Heat vesp. Thun-  
 der, Kyr.  
 1642. ☿ circa Jan 22. v s.  
 Octob. 15. *Iris Matutina*. *Kyriander*.  
 1647. ☿ circa Jan. 13. ☿ ☿.  
 7. St. Vet. *Comme toute la nuit il plu*  
*toute la pour avec tourmente gresle*  
*& esclaiers. Moncon Voyage d' E-*  
*gypte, p: 151. so die 8, 9.*  
 1649. ☿ circa Febr. 15. ☿ ☿.  
 Febr. 10. *Ignes Gadgetes* at *Bristol*.  
 Hitherto do I conceive the Earth-  
 quake at *Messina*, the Floods at  
*Riga*, and the Flames of *Vesuvius*,  
 in *Calvisias* are to be reckoned.  
 May 10. Terrible Storm at N E.  
 1659. ☿ circ. Nov. 31. ☿ ii.  
 Nov. 17. Sad, dark, rainy day.  
 1674. ☿ circa Febr. 3. ☿ ☿ 24.  
 Febr. 11. Lightning, Thunder.  
 1666. ☿ circa March 8. ☿ ☿.  
 March 3. *Macula* in the Body of ☿  
 by Mr. *Hook*. *Transf. p. 240.*  
 1670. July 12. Great Thunder and  
 Rain, dashing 3 m.  
 1674. ☿ circa Nov. 3. m s 21.  
*Mercury* in the *Baroscope* fell an inch  
*me inspestante. circa hor. 5.*  
 1679. Jan. 20. *Terra Motus*, accord-  
 ing to prediction, which happen-  
 ed in *Guelderland* throughout,  
*cum Fulmine, Tonitru. Lond. Ga-*  
*zet. numb. 138.*  
 Jan. 12. A dismal dark Sunday mor-  
 ning.  
 Jan. 29. *Terra motus* at Fort Saint-  
 George, C. W. *Limbury*.  
 1681. ☿ circa Febr. 22. ☿ ☿ 14.  
 Febr. 25. Another Comet seen at  
*London* from South-East, ab 8. ad  
 p. broader than the last.  
 Febr. 7. *Terra motus* at *Mentz*,  
*Francfort*, according to Prediction  
*Lond. Gazet.*  
 March 3. *Cometa iterum Haga, ex*  
*dem fere loco.*

§ 12. As the Full ☾ and New agree in Influence, so do our ☿ and ☿ of ☉ ☿. Did the ☿ raise Storms, separating Fleets? So doth the ☿. Doth the ☿ contribute to a Fiery Meteor? So doth the ☿. Is there a Comet hovering about the ☿? So also an ☿ helps to such an Impression. Inundations I do not find break in upon us so much; but Comets and Earthquakes are frequent enough to gain the Readers Opinion. Bate now the New Star in *Cygni pectore*; I am not yet ripe for that. One or Two exceptions will not spoil a Rule. Yet, our Currents also at Sea do correspond in some measure, it may be not so often as in the ☿.

§ 13. Our *Macula* do begin to bring in their Witnefs: For, that Spot in the Body of ☿ observed by Worthy Mr. *Hook*, falls in under the Verge of our ☿.

§ 14. As to our Currents, see them brought home to our Very Doors, when the *Thames* flowed thrice in 9 Hours, Dec. 17. 1550. Will I say you then, offer to ascribe that Prodigious appearance to our ☿? I think I may safely, especially if we met any such like accident under our ☿ before, as Feb. I. 1680. For what though it be prodigious, as acknowledged by *Fromond* and others? Prodigious Events have natural Causes, is as much confessed; And I am jealous there is much in the Sign, which whether it prove or not, must be considered in due place, seeing there are no instances abroad of the same Nature.



§ 15. To draw to a Conclusion, I have taken notice of a pretty accident *Anno 1674.* concerning the quick motion of the  $\varphi$  in the *Barometer*, which at such an hour of the day fell while I looked on, *hor 5.* an Inch of the sudden. Fell, I say, in the *Tube*, but rose in the *Curvature*, the Air being of a sudden levitated to such a measure. Let the Learned bear with me in my Folly, we have adventured on the Currents Marine; I have found a Current in the Air proportionable to that in the Water. For the Currents in the Sea, as all Tides, are made by Levitation of the Humid Body, made by way of Tumour, which is always Lighter, and more puffy, than when the Humour subsides unfermented. From whence having received the Notion of the Air gravitating, I am by this pretty appearance confirmed in the opinion; Learning withall that it is the Celestial Bodies, which (according to their various positions) do ferment or flatten the Air; gaining also into the bargain, that the Air is of the same Lineage cognate to Water, and though in the day of its Creation it was rarified so far (as 1000 times they say) as that no natural cause shall reduce it again, yet still it hath a common Nature and Affection with it.

§ 16. I would take notice of the Obscurity of the Heavens sometimes appearing more than others, and that in Martial Aspects. It may be the dark and dismal *Sunday* (in the Morning) is not yet forgotten: It happen'd not far from an  $\odot \oslash \delta$ , whatsoever else frown'd at that time upon us.

§ 17. To speak of the Cold upon occasion of the years, -76. -13. is not needful, specially if we remember that  $\delta$  as we have said, sits uneasy; so that the state of the Air stands upon a ticklish point, when  $\delta$  and  $\odot$  are with one and the other in a Frosty Season, and conclude to bring in a Thaw, as *Dec. 21.* in the year 1676. as is noted in the Diary. For though an  $\oslash$  be chill of Nature as touch'd before, and weaker Signs must be debilities; yet  $\propto \varpi \approx \times$  are very mutable from one extream to the other, when they are conscious they have a Friend at the other Hemisphere in the opposite Sign. For this is mysterious, as in the *Chess-board*. An Aspect bare and naked may do little, but alas! it may be fortified by this or that appulse, then the removing of one man alters the Game.

§ 18. I conclude with the apparition of  $\varphi$  by day-Light, I have observed Astronomers mistaken in their conjectures in the point, we who enquire must be suspicious; what if our Aspect should help to clear the Air, so as to make the plains more conspicuous?  $\varphi$  and  $\delta$ , as  $\odot$  and  $\varphi$  have a brightness of air sometimes attending the same Aspect, which at other times makes darkness, sometimes after mist clarifies the Air. Our Table witnessing that the Aspect sometimes takes up the Fog, *Jan. 19. 1679.* which at other times else, fell thick and threefold: Nay under the  $\delta$  as well as  $\varphi$  we meet with  $\varphi$  shewing her self, *Anno 1660. Oct. 30.*

## CHAP. VI. ☐☉ and ♂.

§ 1. The First Square, after the Lunar, deserves some consideration in the former Square, ♂ rises before the ☉ contrary to what the ♀ did in the Lunar. 2. First Squares home-Diary. 3. Nothing anti-martial in the Diary. 4. In the first Square the days are often all of a sort, viz. Wet. 5. Rain ante lucem, often in the first Square. 6. ♂ is a blusterer. 7. A strange Phænomenon of Clouds, their quick successive orderly generation. 8. Fog no stranger. 9. Evident Foot-steps of the configuration. 10. Prognostic not evacuated, though it be dry in one place, while it rains in t other. 11. Lightning belongs to this Aspect. 12. So doth Hail, the Iris. 13. A note or Two concerning the Trine, the Second out-does the First, 14. Inquiry into the reason.

§ 1. With the ☐ of Sol and ♀ we have troubled the Reader, we must instance in one ☐ more, for the Aspects sake, and what can be better than a Martio Solar Aspect of that kind? We produce but one, and that is the First, viz. That which follows the ♂. We trouble you not with any of *Keplers Diary*, much less Foreign Collections; Admit one of our own, and it may suffice. Now concerning this Aspect I have nothing to note but only this, that our Planet, Aspected, seeing it moves slower upon the Suns swift Departure from it, rises before the Sun in the First Quadrate, &c. whereas the ♀ is found to rise after, which must be taken notice of, because we shall make some use of the observation in the timing of the Influence or effect.

§ 2. Let the Table then enter, that we may see whether it gives the less account, as the ♂ precedent hath done, if yea, than we set ♂ mark upon it.

## ☐☉♂ qui ♂ seqr.

§ 2. An. 53. Jan. 21. ☉ m ≈ 12.

XVIII. Rain, calm, wrack ride from South. N W.  
Rain p. m. N W.  
XIX. Fair, warm, f. rain at night. S W.  
XX. Mistling, H. wind, warm. S W.  
XXI. High wd, showres, mist vesp. warm S W.  
morn. S W.  
XXII. H. wd, f. mistling. S W.  
XXIII. Windy, f. mille, wd and rain 9 d. S W.  
S W.  
XXIV. Rain ante luc. f. showres, freez night. S E.  
S E.

An. 55. Mart. 8. ♀ 27.

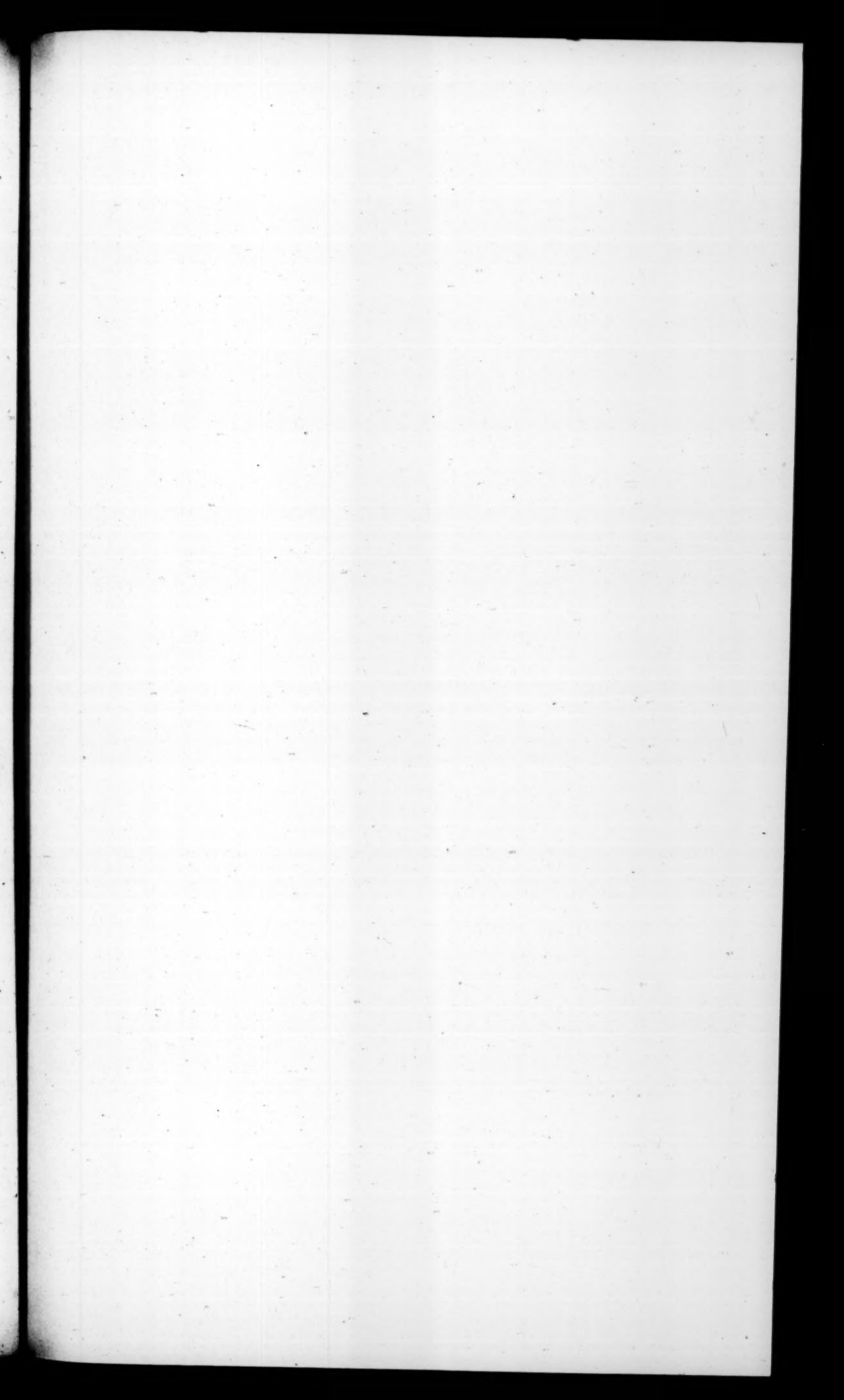
V. Clds ride N E. winds, drisse 9 m. S W.  
VI. R. 4 m. calm, fits of showring. N W.  
VII. Storms of hail and rain 2 m. cold; H. wd. N W.  
Fits of rain at noon. N W.  
VIII. Close m. some rain Snn. ort. sad rain. S W.  
S W.  
IX. Overc. m. clouding strangely, some rain. N W.  
N W.

X. Dewing ante ☉ ort. Hail 7 m. outrageous in f. places; very cold. Nly.  
XI. Frost, close, misty m; clouds ride contrary; storms, hail and rain. S W. S E.  
XII. Sad foking day; clear n.

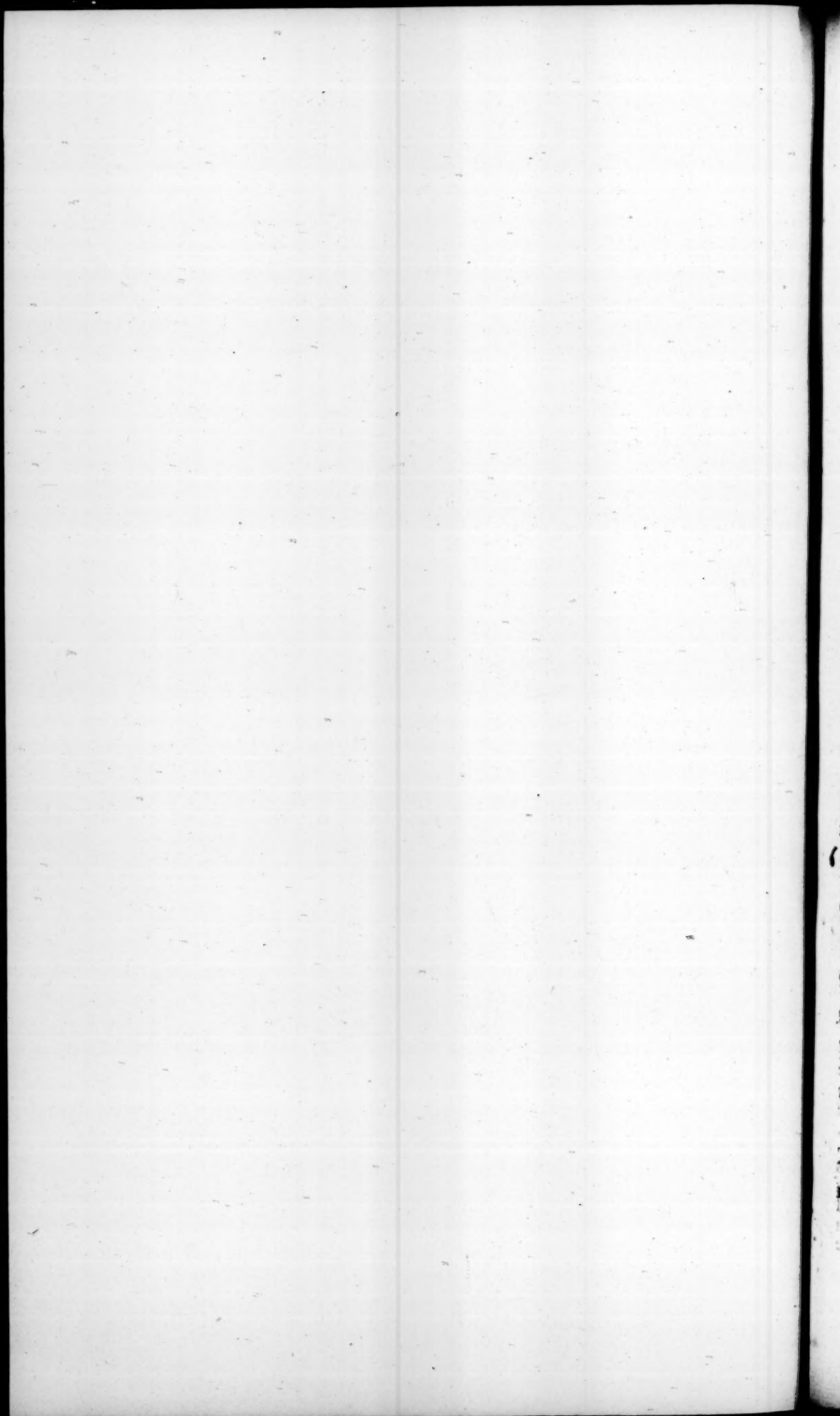
An. 57. May 22. ♀ II 9.

XVI. Dry, wd overc. 9 p. f. gusts. N E.  
XVII. Gentle showr m. mille 9 m. windy, blew mist. N W.  
XVIII. Close, windy, open, blew mist. N E.  
XIX. Close m. open, warm. N E.  
XX. Close m. open, cool wd, mille ☉ occ. wind at n. N W.  
XXI. Fair, high wd, threatning o. cool wind at n. cold even. N W.  
XXII. Cloudy m. p. cool, f. lowring. N W.  
XXIII. Close m. p. N W.  
XXIV. H. wind, coasting showres 5 p & ☉ occ. hot still pft ☉ etc. N W.

An. 59.







An. 59. August 10. ☽ 27.

- 3  
 VII. Drifting o. & 5 p. wdy. S W.  
*London fair and hot, cold n.*  
 VIII. Fair, rain o. & 5 p. Hot; *London ut supra.*  
 IX. Blew mist, wds, wetting 9 p. S W.  
 X. Much wet ante luc. & die tot. S W.  
 XI. Heavy air ante luc. rainy 6 p. S W. S E.  
 XII. Wet p. m. Tempest of wind at n. showing. At *London fair die tot. f. rain at n*  
 S W.  
 XIV. Flying cl. offering m. wetting ☉ occ. S W.  
 XV. *Lond.* Wet a. m. fair, heavy air, hot, Lightn. at n. showr 10 p.

An. 61. Sept. 28. ☾ 15.

- XXIV. Cloudy, cold wd, clear m. p. S W.  
 XXV. Rain a med. no. ad ☉ ort. & Great Iris and smart showrs ante 8 m. H. wind, great storms of rain 7 p. S W.  
 XXVI. H. wd, smart showrs. S W.  
 XXVII. Stormy wds, frequent showrs p. m. Cold d. S W.  
 XXVIII. H. wd, f. showrs m. cold and windy day. Wly.  
 XXIX. Sad rain 3 m. ad 9 m. bright, cold. N E.  
 XXX. Frost, cold, showr 2 p. fog 9 p. S.  
 I. *Octob.* Cloudy, showr 6 m. little showr n. S W.

An. 63. Nov. 3. ☾ m 21.

- XXXI. *Oct.* Cloudy a. m. open p. m. cold. Sly.  
 I. *Nov.* Wind a. l. Rain 4 p. hottish. Sly.  
 II. H. wind, offer 11 m. at n. hottish. Sly.  
 III. H. wd, cldy, hottish. Sly.  
 IV. Wind, rain ☉ ort. close. hor. Sly.  
 V. Rain 7 m. wd, rain 1 p. S W.  
 VI. Overc. warm, very high wd, rain 11 p. & no. tot. S E.

An. 65. Dec. 5. ☿ 23.

- II. Wind, f. rain ante luc. cloudy, warm S W.  
 III. Close, warm, mist m. drisle a. m. fog o. S W.  
 IV. Frost, warm, ☉ clouded, suspic. 4 p. N W.  
 V. Close, blew mist, drisling, wetting 3 p.  
 VI. ☉ clouded, drisle 9 m. wetting, ☉ rise circa 1 p. drisle 9 p. S W.  
 VII. Wind no. tot. ☉ clouded rain 1 p. drisle sub ☉ occas.

An. 68. Jan. 7. ☿ 27.

- IV. Windy, drisly a. m. furious tempest of wind and rain & rise; Lightning at *Salisbury* 11 p.

- V. Tempestuous no. dieque, showr. p. m. & vesp. W. NE.  
 VI. Rain m. wind and mist m. p. Nly.  
 VII. Tempest of wind and rain a. m. Wly.  
 VIII. Mist, misting, Tempest driving, f. rain mistle and snow 2 p. 4 p. 6 p. S W.

An. 70. Feb. 16. ☿ 8.

- XII. Blustering no. tot. R. p. m. snow 4 p. much rain at n. S W.  
 XIII. Rain circa ☉ or. freez 4 p. S W. Ely.  
 XIV. Frosty, fair f. gales. Ely.  
 XV. Rain Sun or. freez a. m. thaw m. p. m. 3 ly.  
*Lond. ut supra.*  
 XVI. Frost, wet p. m. Ely. Nly.  
 XVII. Wetting, foggy d. wet at n. Sly.  
 XVIII. Fog m. moist, open p. m. Estly at n.  
 XIX. Fog m. some l. frost, close m. p. and warm. Wly.

An. 72. April 16. ☽ 7.

- XII. Close, misty. Nly.  
 XIII. Close, misty, coldish m. Nly.  
 XIV. Close. N E.  
 XV. Close, f. drisle 11 p. rain. S W.  
 XVI. Wind and wet 6 m. Hail and snow in the Country, and frosty morn this week.  
 XVII. White fr. f. mist, bright, cold. Wly.  
 XVIII. Cold, dry, misty, mistle 4 p. N E.  
 XIX. Bright, dry. Nly.  
 XX. Cold, bright, dry. N E.  
 XXI. Bright, dry, windy Sun occ. N W.  
 XXII. Bright day, brisk wind. Ely.

An. 74. July 14. ☾ 1.

- X. Br. cl. warm p. m. showr 7 p. S W.  
 XI. Bright, f. mist, cloud floating and lowr. N W.  
 XII. Fog. fair, float and lowr. S W.  
 XIII. H. wd, showr 1 p. 8 p. S W.  
 XIV. Showr 9 m. show and thunder 1 p. very h. wind circa o. S W.  
 XVI. Warm, dry Ely. close n. and hottish.  
 XVII. Hot m. f. rain 5 m. N E. foultry, clds in heaps, terrible Lightn. 9 p. Meteor near *Perseus*.  
 XVIII. Soultry, dry. much lightning about med. no. 3 Meteors 11 p.  
 XIX. Lightning and Thunder 2 m, rain, coasting showr 1 p. H. wind and cooler. 20

An. 76. Sept. 11. ☿ 29.

- VII. Close, very misty, wet 9 p. m. 3 p. & NE.  
 VIII. f. rain m. wetting 3 p. 6 p. misty. N E.  
 IX. Rain m. close, cool even, windy. N W.  
 X. Close m. p. open p. m. H. wind vesp. Wly.  
 XI. Frost m. f. rain circa Sun or. & 4 p. cold H. wd. Nly.  
 XII. Fr. cool, close m. p. wind brisk 11 p. No dew 11 p. though the Full ☾ shew bright.

M m m

XIII.

XIII. Dew m. sad rain *ab 8 m. ad 11 m.*XIV. Rain *nozt. fere tot.* close m. p. misty. Nly.19 *An. 78. Oct. 20. m d 7.*XVII. Cold fog, rain 1 p. great showre, snow  
in very great flauques 3 p.

XVIII. Fog, cold, suspicious p. m. Wly.

XIX. Cloudy a. m. cold p. m. *ecl. totally, Ha-*  
*lo 11 p.* NW.XX. Very cold fog a. m. strip't clouds p. m.  
Ely.XXI. H. Fr. ice, great fog, cold p. m. snow,  
wetting 11 p. Nly. Wly.

XXII. Rain m. H. wind, flying cl. Nly.

XXIII. Fog, cloudy a. m. open, cool p. m. N E.

An. 80. Nov. 22. 2 m 12.

XIX. R. *ante Sun eccl* close, f. drisle 9 p. warm.  
Nly.XX. f. rain 7 m. Fog, open m. p. suspicious 11  
p. close wind. Ely.XXI. Cold wind, fog; brisk wind 2 p. cold  
vesp. Ely. N E.

XXII. Frost, fair. N E.

XXIII. Frost extreme, f. fog, frosty. Nly.

XXIV. Extreme frost, close, fog p. m. Nly.

XXV. Fr. Comet at *Straßburg*; frost, great  
fog, dark; warmer vesp. S W.28  
An. 84. Dec. 25. *28* 14. a 22. ad 27.

XXII. Foggy, coldish, Aches 3 p.

XXIII. Fog; wetting a. m. cold. W.

XXIV. Rain m. offer 11 m. close, cold, dark.

XXV. Fog m. warm *circa o.* High and lofty  
winds a o. *ad merid. Sly.* Tropic & Equin.XXVI. Fair, warm; H. wind towards even.  
S W. Aches.XXVII. R. and wind m. and dropping, H. wind  
and showing p. m. & 9 p. S W.An. 85. Jan. 39. m *21* a 27. ad Feb. 1.

XXVII. Open; warm. d. W. N. some frost n.

XXVIII. Thick, fog a. m. *tot.* & p. m. warm.  
E.

XXIX. f. fog, close m. p. cold n. Nly.

XXX. f. fog, wind o. clds low. N.

XXXI. Fog, rain 7 m. &amp; 8 m. mist 10 m. Wly

I. F. Frost, fog, close a. m. Aches continual.

§ 3. Here except a cold *April*, what anti-Martial face of Weather is there? Here is heat in *July 74. August 59. May 57. nay November 63. and January 53. & 85.* In these 'tis expressed, in the rest implied.

§ 4. As to Rain, pray let it be adverted that the days comprised in the Aspect, are more than once *all of a Suit*, and that is a winning circumstance with fair Gamesters, see *Anno 53. 55. 58. 61. 63. 68. &c.* So one would have thought we had bespoke the two first years, wherein; in 15 days it rained, not 16. I confess, but 15. it did: And though some other Months may prove dry, to ballance the contrary, yet with great inequality, it still holds. Hence in our own Diary we find days 76. in 122. Nor can you find half 15. days dry together. This Aspect, even in *April, Anno 72.* the Cold and Dry Month brought rain twice; and that on the precise day.

§ 5. But he who shall view the Table, the Winds, the furious Tempest, and the sad foking Rains, and that before day, do plainly shew the Power of  $\delta$  in Square with the Sun; for in this Aspect  $\delta$  rises early, as we noted before, and is sometimes got past the Meridian, before the Sun touches the Horizon. This makes Rain *ante lucem*, Wind I say or Rain, not only at  $\odot$  rise, but before, a great part of the Night, *Jan. 24. 53. March 6. 7. 8. 10. 55. Aug. 10. 59. Sept. 25. 27. 61. Octob. 1. 1b. Nov. 1. 4. 5. 63. Dec. 2. 65. Jan. 4. 5. 68. Feb. 12. 13. 15. 70. July 17. 19. 74. Sept. 11. 14. 76. Octob. 22. 78. Novemb. 19. 20. 80.* there is scarce a year escapes: The Circumstance of the time first is notable, and then the frequency of the result:

§ 6. On such Consideration as this, we justly observed our Lunar Puif-  
fance, treating of her *Square* with the Sun, and here with  $\delta$ , the Evidence is more lusty and bustling, and calls us to take notice of the *Edomite*, who is known by *violence*, furious, and sad Rains, which make a fair show in the Table, the which we do find in the Second Square also. Rain there, Notable after the Sun set, as here *ante lucem*.

§ 7. Now follows one most notable Phenomenon, but our Table has not leave to enter, *Anno 55. March 9.* the place was the good Town of *Yarnton*, where I first professed to observe, Part of the Heaven toward the South was overcast, and towards the North was clear, when Lo! In the



the Forenoon the Cloudy part seemed to increase by a successive gradual condensation, as fast as a Seeds-man strews his Seed, and in the same progressive Order, to my great admiration then, but more since, because I never saw the like, nor any other that I know of, and therefore it may be in vain to referr it to any probable or almost possible cause, although the Square of  $\delta$  and  $\odot$  so near the Cardinal points, may be found to act wonderfully.

§ 8. In the Table we meet with some fog, we know it gets foggier many times in a Martial Aspect.

§ 9. In all the Sum of days 122, there is not above 30 days but are windy, and rainy, or of express heat.

§ 10. And whereas by this very Diary it appears that it may be a warm Constitution in one place, as *Kepler* also hath noted, when it is moist in another, as in *August* 1654. it happened at *Yarnton*, when it was hot and Dry, most part at *London*, it evidences that the Planets are warm in themselves, and that Warmth produces Moisture, yet not at all times or places alike, saving, notwithstanding the Credit of our Principle, which doth not securely pronounce always but upon Experience given, and knoweth to distinguish between Particular and General Constitutions, the one confined to its Province, the other obtaining all the Kingdom over, through which Cloud the Method is able to pierce and pronounce with Limitation.

§ 11. Lightning we meet with here about 5 times, but they only in 2 years, the rest say little, howbeit 'tis not casual, for Lightning we meet with in *Lepler*, Lightning in *Kyriander*.

§ 12. If any Hail appears, we seize it. And the Great *Iris*, *Anno* 61. Sept. 25. may be found to have somewhat of  $\delta$ 's glare in union with the  $\odot$ . We may hear more of it.

§ 13. All that we shall observe concerning our *Trine*, which hath not been said before, is, that the Second out-does the First without dispute, both for Frequency and Violence.

§ 14. The Cause is not so obvious, for  $\delta$  moves slow, even stationary almost in both; If Artists will allow more slow in the Later than in the Former, that will help: for upon that account the Later Square of the  $\delta$  may pretend to its Singular Effect. I will not venture, I may be thought to please my self in my reaches at this and the other Probleme, but I have no such satisfaction in so doing: All I can do is to recommend them both to Observation, to see whether, as in the Lunar Aspect it happened, the  $\triangle$  doth not exceed the Square; For the Comparison of one  $\triangle$  with the other, I shall not take occasion here to introduce their Diaries, but even let them shift for themselves. If the Second *Trine* doth any whit out-go the First in Fiery Meteors, in *Halo* and *Iris*, let some Celestial minded Man tell us the Reason: I hope it may be solved upon the Premises, for I am in some haste.

## CHAP. VI. Of the Sextile of Sol and Mars.

§ 1. Some notable Occurrences. 2. Sextile compared. 3. More Rains in the Former, more excesses in the Later. 4. First Sextile rains often in the Even, the Second not so often. Aspects therefore are effectual even under the Horizon. 5. In both Sextiles the moisture happens post Merid. why. 7. The Second Sextile Hails more than the First, the Reason. 7. A Note on the Rainbow. 8. Clouds furrow'd. 9. Blite. 10. Hony Dews. 11. Some malignity even under the Sextile.

§ 1. **O**ur Sextile of Sol and Mars cannot well be passed over, without wrong done to Nature, and its Contemplation, (though the Diary we dare not shew) such notable Occurrences being found here also, as in the former Leading Aspects. Did I say such occurrences? Or, are they some peculiar, and more rare Effects that hang on this Combination.

§ 2. I compar'd them both in the following Synopsis, and they yielded both of them thus.

\* ☿ I. quo ☿ ante Solem  
oritur.

Rain 75.  
Excesses 19.  
Winds 43. Of these;  
High Winds 24.  
Mists 23.  
Meteors 8.  
Thunder 4.  
Hail 3.  
Irides 3.  
Dark Air 5.  
Summa diem 110.

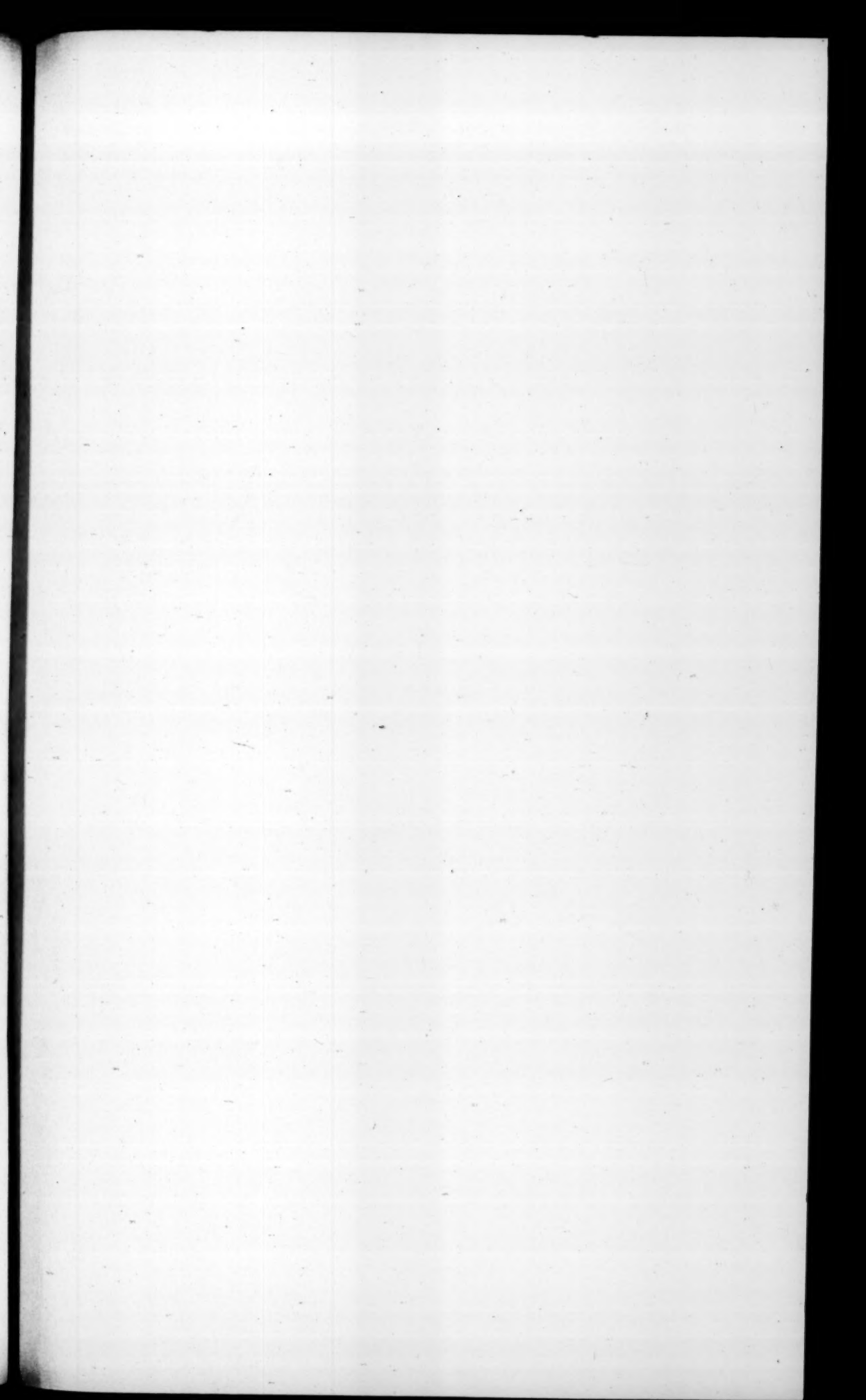
\* ☿ II. in quo ☿ solem, ☿ longinque  
sequitur.

Rain 51.  
Excesses 23.  
Winds 39.  
High Winds 23.  
Mist 14.  
Meteors 4.  
Hail 7.  
Thunder, Lightn. 5.  
Irides 2.  
Dark Air 2.  
Sum. Dier. 105.

§ 3. Where if the First out-goes the Second in the Prior Instance for Number, yet in Weight they seem to be equal; There are more Rains in the Former, more Excesses in the Later. In Mists, in Meteors perhaps, in Dark Air the First exceeds, in Winds, in Thunders, in Irides, the Second is equal.

§ 4. But what shall we say to the disproportion of the Rains 75. to 51. It cannot scarce be casual, and therefore the First will claim, especially if we observe a Circumstance which stares in the Face of the Reader, where the Rains in the First Sextile are observed to show themselves about Even or Sun set, or after when our Planet ☿ aspected with the Sun, hath taken leave of the Hemisphere, yea when sometimes the Sun also hath left it: In the Second Sextile more seldom so, and yet there we find it 27. times: This be sure is gained from it; that an Aspect hath a due force or Influence even while one of the Bodies concerned, (if not Both) are hidden under the Earth, which hitherto hath been with me a Question in the Square, and Trine, and Sextile, but now begins to be held in the affirmative.

§ 5. In both Sextiles seeing now the Moisture happens most part post meridiem, the account seems to be easier. Sure the Western side of the Meridian





0

*ridian*, as we have already said is most inclined to Rain, and that is the Scene of all *Sextiles*, and of all other *Aspects* of Northern Declination except the *♂* and *Quincunx*.

§ 6. The Difference of Hail seems so considerable that I must hunt after some reason: Is it not because that in the later \* the Planet rises after the Sun, and in the very Hour of Hail happens to be in the rear alone, and Desolate. For though the Planet be but 2 Signs distant, yet, if we observe it, Hail seldom happens in the Evening, or near  $\odot$  set, and therefore  $\odot$  may be well upon, or on the other side of the Meridian, which if it be, the Absence of the Sun makes it the cooler Quarter.

§ 7. Now what I find in common to these *Sextiles* are first the appearance of Rainbows, and in the Second *Sextile* a Reflexion of a Rainbow, an *Iris* revers'd, with the Purple-Facing outward, as by Laws of Reflexion must appear, I am not engag'd to speak to the appearance, if it depends on this Aspect. I reckon it rarity enough.

8. The Next is another passion of Clouds in Furrows unusual, to be noted the rather, because of that strange observation of the appearance of Clouds mentioned under the  $\Delta$ , whole new Creation seemed as sudden, as the Generation of Smoke from the successive accension of matter combustible.

§ 9. The next is a common Blite in the First Sextile, *Jud. 7. Anno 1661* In the Last, *April 30. An. 60.* there is one Effect hard to be discovered, unless by very watchful Countrymen and Gardeners, at what time we find in the following Month many *Caterpillers* noted? Had we not some such instance before? And doth not althelp? As the *Wren* said, \_\_\_\_\_

§ 10. Now let not our Hony-drops sink, noted I remember May 4. *An.* 60. in the Second Sextile, a casual Instance, I confess, but such as may be accounted for, no doubt, where there is opportunity for a curious Observer. Stench of Mists and Hony-drops we know belong to the same Cause.

¶ 11. Our last Instance is the worst, for it seems to be beyond question, it brings oft-times a sick Interval, in March 74, June 76, August 78. for the First: March, An. 73. April, Anno 75. May, Anno 77. for the Later. Six continued years with one and the other Aspect, you see, are unlucky; I use the Word, with an *ultima dissonantia*, call it Offensive to Health, or what you please. Posterity will believe this, when they have confirmed it with their own Observation. And so I make an end of the *Marsio Solar Aspect*, the Habitude of those two Great Planets.

## CHAP. VII. ♂ ♀ 2.

*Conjunction of Mars and Venus.*

§ 1. This ♂ takes place here before ♀ 2. 'Tis many times visible, and a fine sight to see. 3. In Heathen Theology it is a lewd Fable. 4. 'Tis of uncertain return. 5. It brings an *Apertio portarum*. 6. It commonly brings its effect. 7. The Aspects Character. 8. The *Homi* Diary produced. 10, 11. Descant upon the Evidence, i. e. as to Heat. 12. The Objection of frosts. 13. It brings Testimony to Rain. Not to Floods in the Partile, they belong to the Platic. 14. The Fog. 15. The Winds, the Observation concern, Wind changing. 16. Oft-times prognosticable to an honr. 17. Halo *Parelia*. 18. Fiery Meteors. 19. Days 240. of 280. bear the Character. 20. The *Forreign* Diary. 21. Who wishes well to the the Sea-man, is a well-wisher to his Country. 22. Distance of 10 Degrees proper to stormy Constitutions. 23. Account may be given of the Duration of a Tempest, for a Week, Month, &c. 24. Stated or arbitrary. 25. Kepler forced to concurr. 26. One Aspect extinguishes not another. 27. A Tuffion is a dire Meteor. 28. This Aspect as proper for Hail as any. 29. Its Thunders. 30. Keplers confession. 31. Blite. 32. Seven Degrees distance remarkable for Lightning. 33. This Aspect either produces or prolongs Comets. 34. & 35. Proved. 36. New Star in the breast of Cygnus, Dissent from Hevelius. 37. Earthquakes challenged by this Aspect. 38. Platic Aspect must be admitted with Partile. 39. Currents challenged. 40. Fournier's Opinion, the Moon not the only Cause. 41. Some difference between Partile and Platic. 42. Floods. 43. Some Floods without Rain speak fermentation. 44. They belong more to Mars and Venus than ♂ 2. 45. A List of Mercurio-Martial Floods. 46. A List of Venerco-Martial Floods. 47. Our Planets Aspected operate in sight one of another; proved. 48. Opposition of Mars and Venus also a Flooding Aspect. 49. Strange Tides. 50. The Antient Astrology in this justified; *Apertio Portarum*. 51. Dissent from the Antients, who make the contrariety of the Houses to be the cause of *Apertio*. 52. & 53. Other causes offered. 54. *Apertio Portarum*, a handsome term of Art. 55. The Malignity of Martial Aspects. 56. Demonstrated by a large induction; the Origine of the Pestilence is Celestial, against the diligent Dimmer-Brock. 57. 'Tis not eating of Fruit makes the Autumn sickly.

§ 1. **T**HE Conjunction of Mars and Venus should in compliance with our former Method, not precede, but follow that of ♀ 2; for so it was in the Solar Conjunctions. But the consideration of the more confessed and exact Calculation on ♀ side, moved me to present it before that with ♀, whose account, till of late days, hath bin in the dark.

§ 2. This ♂ happens some years to show it self to the publique view in the Nocturnal Hemisphere; God so ordering it for Astronomy's sake, that what



what could not be possible in the Diurnal Solar Conjunctions, should be conspicuous to all who were given to observation; and a fine Scene it makes in the Heavens; *Jucundum spectaculum*, saith *Kepler*, truly, as all must confess who regard the Motion and Lustre.

§ 3. In the Harlot Trilogie of the *Heathen*, the Conjunction of  $\delta$  with  $\eta$ , makes a lewd smutty Story; but in the Chaster Regions of the *Ether*, 'Tis a Congress of two Glorious Lights parlying one with the other such Language as we labour at present to understand.

§ 4. The Revolution of this Aspect is somewhat intricate, not visiting us once in Two years, as the  $\delta \delta \odot$ , but with more uncertainty and variety. Variety, because it is found sometimes to repeat the same Radiation once or twice before its departure, as *Annis* 1654. 1660. &c. — Uncertainly, because we may meet with an  $\phi \delta \eta$ , and also our  $\delta$ , within the space of one Twelvemonth, and again otherwise, neither  $\phi$  or  $\delta$  in the same time.

§ 5. Now, this is so far from an *Every-days-Aspect*, that it is by Astrologers vouched to be free of the Society which bear an *Apertio Portarum* for their Motto. A Port-opening opening of the Sluces of Heaven for Rain and Wind; concerning which Notion, and the grounds of it, If I may speak freely, we will, at the Close of this Chapter, declare our Sentiment.

§ 6. The Aspect is violent, That's plain, of a large effusion, exceeding many of its fellow Martial Aspects; and so the *Neoteric's* tell us. For when they come to declare its Influence, They lay Weight upon their Words, and say, *Semper fere fert malum statum aeris*: and others willing to forget the *Fere*, (as if there were some absurdity in *Semper* joyned to *Fere*) pronounce roundly, *Semper malum*, as if the Effect never fail'd. But who goes to persuade that? No, *Solet movere*, saith *Eichstad*, and goes no further. The infallibility of the Effect belongs to the perfection of Astrology. We are now treating but of the Rudiments only, and first Principles considered by themselves.

§ 7. Will you know the entire Character of this Aspect from *Eichstad's* Experience? It useth to bring (saith he) Warmth, Rain, Winds, and in particular West-Winds, and at time of the year, Snows. Not forgetting Lusty Coruscations. And He adds, That this Influence lasts for some continuance of days, as before in  $\odot \eta$ , because the two Planets are of an Equal Gate. *Ephem. part 1. ad Annum* 1636.

§ 8. We hear him, and therefore we produce our Table for the interval of two degrees Distance, which relate to a Week, and somewhat more, at all times; yea, as it may happen, may concern three Weeks, or a Months time within the confines but of two degrees. That's brave advantage for a Learner.

### The Home-Diary of $\delta \eta \delta$ .

§ 9. Intra Grad. 2.

An. 1652. V 11. February 26.

XXI. Clear, Rain, Snow; wind changes. N. W. S.  
XXII. Rain. XXIII. Rain, windy. N. W.  
XXIV. Wind various, dropping. S. W.  
XXV. XXVI. Wind. S. W. (Wrack rides N. W.)

XXVII. XXVIII. XXIX. Cloudy, high wds. March 1. Wind shift S. W. N. E. windy. N. E.

Anno 1654. V 7. Jan. 29.

XXIV. Fair. S. W.  
XXV. Misty, Halo. S.  
XXVI. XXVII. Fair, mist, rainy. S. W.  
XXVIII. Misty, cloudy; so 29. S. W.  
XXX. Close m. open. XXX.

XXXI. Frost, close m. S W.

Feb. 1. High winds, some wet, frost m. NW.

II. High wind, some snow wesp. frost m.

III. H. winds, very cold, threaten snow. N W.

IV. High winds, being cold, threat. snow. N E.

V. High wind, f. snow.

VI. Frost, cloudy, suspicious.

VII. Clouds; showry; so at night.

19 Iterum, 15. ♂. March 23. ♀ R.

XXVIII. High winds, clearing. N E.

XXI. Windy. N E.

XXII. High wind, cold.

XXIII. High wind, snow, hail. NW.

XXIV. Windy, some rain at night. N W.

XXV. XXVI. Windy, cloudy, m. p. N W.

Tertio, m. 23. Octob. 5.

II. Rain pouring wesp. tot. violent wind, and pouring wesp. N W.

III. H. winds are L. variable, wet m. stormy day. S W.

IV. Cloudy, rain, wind. Lightning N. N W.

V. Dark and rainy; a. m. showers N. S W.

VI. Wet at evening. S W.

19 Anno 1656. August 24. ♀ 8.

XX. XXI. Fair, hot, Halo. N W.

XXII. Very hot, Gossamere. S W. N W.

XXIII. Great fog; very hot.

XXIV. Fog, hot; storm of wind 11 p.

XXV. Wet till 3 m. Bright, very cool. N E.

XXVI. Fair N W. after N E.

XXVII. High winds Ely. offering. N E.

592 Anno 1658. ♀ 22. July 13.

IX. Windy, rain 9 m. S W.

X. Soultry, wind. S W.

XII. Melting day, Meteors. S E.

XIII. Windy, melting day, Meteors. S W.

XIV. High winds; threatening, meteors 11 p. W.

XV. VVindy, drille m. W.

XVI. Meteors. XVII. Showry. W.

Anno 1660. ♀ 18. June 14.

IX. Open and warm p. m. windy. W.

X. Close, hot. W.

XI. High winds, hot; H. winds at night. N W.

XII. Hot p. m. S W. W.

XIII. Soultry, ground-mist at n. W.

XIV. Soultry. W.

XV. Soultry, scalding air. W.

XVI. Blew mist, drops 5 p. showers, lighten. 7 p. S W.

XVII. Showrs 2 m. S W.

XVIII. H. showrs 4 m. Hot. S W.

Iterum August 17. m. 20. ♀ R.

XV. Very hot. S W.

XVI. Fog, rain 10 m. very hot. S W.

XVII. Soultry, hot.

XVIII. The same.

XIX. Hot day, tot. Rain at midnight.

XX. Drille m. ✓

Anno 1661. m. 16. Febr. 25. Tunbridge. in Kent.

XX. Rain 9 m. and m. p. W.

XXI. Rain die tot; wet night, great Floud, N E.

XXII. Rain 11 m. &amp; n. rain 2 p. S W.

XXIII. Cloudy, warm even. W.

XXIV. Stormy, wet n. S W.

XXV. VVindy, rainy 9 m. S W.

XXVI. Storms of Rain and hail. Halo 2. S W.

XXVII. Little frost, fair. VV.

XXVIII. Frost, fog, misty. Halo 1. S.

March 1. Sad rainy a. m. Rain p. &amp; even. S.

II. Very rainy, windy. S.

Anno 1663. ♀ 28. Jan. 12.

VIII. Little frost, fair, fog at n. S W.

IX. Fog die tot. and night; frost. E.

X. Thick fog die tot. cold. E.

XI. Foggy frost; chiefly p. m. E.

XII. XIII. Foggy, frosty. E.

XIV. Foggy, flect. E.

XV. Foggy, some wet 4 p. &amp; 10 p. S.

XVI. Fog, warm. S W.

XVII. Fog, rain 8 p. &amp; m. p. S W.

Anno 1664. ♀ 8. Novemb. 27.

XXIII. Hard frost, cold, fair. N.

XXIV. Fog, frosty. N E.

XXV. Hard frost, rain 11 p. E. S E.

XXVI. Drilling m. close rain. E. S E.

XXVII. Misty; rain 11 m. and p. m. &amp; 6 p. S W.

XXVIII. Wet and Sun out. 10 m. S W.

XXIX. VVet ☉ out. some drops 8 p. N E.

XXX. Close rain p. m. misty 6 p. ad 11 p. N E.

Dec. I. Some drille at n. N E.

An. 1665. ♀ 3. July 18. ♀ Stat. Waltham Cross.

XIV. Cloudy m. hot. N E.

XV. Excessive hot, high winds p. m. lighten. and a shower p. S E.

XVI. Much Lightning 2 m. Blew mist extended on the Hills. S E.

XVII. Blew mist over Sun wesp. cloudy in S. with two Terrible flashes and a clap of Thunder and Rain from London to Edmonton. S E.

XVIII. Thunder and Lightning with storms, V. p. and coasting round the Horizon, p. m. N E.

XIX. Fog all m. Hot, fine rain 10 p. W.

XX. XX.

XX. Refreshing rain at break of day, and at ☉  
rise, cooling Showrs. W.

XXI. Dash 10 m. Thund. Lond. 11. and Rain. S W.

XXII. Cool, High winds, coasting showrs. S W.

XXIII. f. showrs 4 p. S W.

27 Iterum, 20. Aug. 29.

XXII. Warm, cloudy, m. p. VV.

XXII. Warm, drizzle 6 and 7 p. S W.

XXIV. Warm, much Lightning and Thunder. S W.

XXV. Misty m. mistle, Rain 9 p. S W.

XXVI. Close m. p. warm, blew mist, Mercores. S E.

XXVII. Warm, showing 4 p. & 8 p. S W.

XXIX. Suspicious morning, windy, fair. S E.

XXX. Windy tot. mist, offering. S W.

XXXI. Wind, close m. N W.

Sept. I. Frost, very cold ante ☉ wet 9 p. m. S W.

II. Warm, close. S VV.

III. Warm; misty m. N W.

Anno 1667. 28. Jan. 10. ♀ R.

VII. Windy, thaw, close. VV.

VIII. Rain at day break. S E.

IX. Cold m. p. Rain, and snow. N.

X. Frost and snow; others die tot. gusty, cold. N.

XI. Frost; Thaw mist. tot. S.

XII. Dark day; Fog taken up. S.

26 Iterum, 28. Aug. 6.

II. Hot p. m. winds at night. N W.

III. Hot. N E.

IV. Fog m. hor. Lightning according to prognostick. W.

V. Fog m. hot, windy. S E.

VI. Fog m. melting day; yet brisk winds. S W.

VII. Fog m. and falls a. m. hot; hail 2 p. S W.

Lightning, N E. melting day, and sickly time. W.

VIII. Hot n. fog a. m. melting day, dry, S W.

Thunder toward London o. High winds vesp. S W.

Lightning at night in the N E. S W.

IX. Fine showr, stormy winds, Mercores 6 p. S W.

X. Windy; showing 10 m. ad 1 p. S W.

Anno 1669. 12. June 23.

XX. XXI. Warm, mist m. W.

XXII. Fog 8 m. hot, rain desired. S W.

XXIII. Mist m. fog. 9 m. hot; mist m. p. S W.

XXIV. Warm, close. S W. N E.

XXV. Close m. cold n. N E. XXVI. Fog m. N.

XXVII. Fog m. pale thick Clouds; a dry season. W.

Anno 1671. 27. May 12.

VIII. IX. Windy, hot. E.

X. Much heat. N E.

XI. Mist m. Ropes, foulery. W.

XII. Very hot, misty, showr at Moon rise. S W.

XIII. Foulery, yet brisk cool winds. S W.

XIV. H. wind; showr 2 p. Dewy n. S W.

XV. Windy, offer a. m. showr at Humbled. S W.

XV. VVind, showr, 10 fo. & 4 p. showing. S VV.

29 Iterum, 28. April 23.

XVI. Misty air, heat. E.

XVII. Hot day; mist, Field and City. N E.

XVIII. Close morn. offering o. hear. N E.

XIX. High wind and rain m. p. showr 4 p. S W.

XX. Windy and rain. S W.

XXI. Close, high wind m. shedding Noon. S W.

XXII. Windy, some dropping p. m. S W.

XXIII. Lowring; High cool wind. S W.

XXIV. Windy. S W.

XXV. Drizzle 10 m. and 3 p. S W.

XXVI. Warm, some drizzle 6 & 7 p. S W.

XXVII. Showr o. & 4 p. mist. S W.

XXVIII. Close day, some moisture 5 p. S W.

XXIX. Close m. no mist. N E.

XXX. Hot. N E.

May I. Showr 6 m. Country, Thunder 4 p. storm of Hail and Lightning 9 p. Ely m. Wly.

p. m. N E.

II. Warm; wet 3 p. N E.

III. Warm, close, mist, Field and City. N E.

IV. Close m. p. some wet 4 p. Nly.

8 Iterum, 15. May 21. ♀ R.

V. Drizzle once or twice; cool. N E.

VI. Drizzle 6 p. cool day, some wind. N VV.

VII. Very cold m. Nly.

VIII. Rain 10 m. brisk wd. N E.

IX. Coasting showr 8 p. N E.

X. Some wet, overcast. N.

XI. Clouds, clearing, some Rain or Hail 2 p. N.

XII. Gentle rain 1 p. 5 p. 7 p. very cold night. Nly.

XIII. Wet p. m. tot. S VV. clouds ride. Nly.

XIV. Wetting m. offer p. m. Nly.

XV. Showry 3 p. 5 p. N E.

XVI. Rain m. brisk wind. N E.

XVII. Brisk wind. N E.

XIX. Temperate, blew mist. N.

XX. Windy, offering; mist taken up. S W.

Parelli at Womondham, in agro Leicest. S W.

XXI. some showrs 9 m. S W.

XXII. f. showrs at o. and vesp. S W.

XXIII. Showrs coasting, and towards mid-night. S W.

XXIV. Showr. ante 1 m. 4 m. smart at o. dash at 2 p. N W.

XXV. Windy, wetting ante 9 m. Thunder at Warwick, Lightning, Rain in the S W. at 4 rise; showrs. ♀ South. S W.

XXVI. Showing 10 m. offer p. m. windy S W.

O O O



## CHAP. VI. Of the Sextile of Sol and Mars.

§ 1. Some notable Occurrences. 2. Sextile compared. 3. More Rains in the Former, more excesses in the Later. 4. First Sextile rains often in the Even, the Second not so often. Aspects therefore are effectual even under the Horizon. 5. In both Sextiles the moisture happens post Merid. why. 7. The Second Sextile Hails more than the First, the Reason. 7. A Note on the Rainbow. 8. Clouds furrow'd. 9. Blite. 10. Hony Dews. 11. Some malignity even under the Sextile.

§ 1. **O**ur Sextile of Sol and Mars cannot well be passed over, without wrong done to Nature, and its Contemplation, (though the Diary we dare not shew) such notable Occurrences being found here also, as in the former Leading Aspects. Did I say such occurrences? Or, are they some peculiar, and more rare Effects that hang on this Combination.

§ 2. I compar'd them both in the following Synopsis, and they yielded both of them thus.

\* ☉♂ I. quo ☉ ante Solem  
oritur.

\* ☉♂ II. in quo ☉ solem. ☉ longinque  
sequitur.

Rain 75.  
Excesses 19.  
Winds 43. Of these,  
High Winds 24.  
Mists 23.  
Meteors 8.  
Thunder 4.  
Hail 3.  
Irides 3.  
Dark Air 5.  
Summa diem 110.

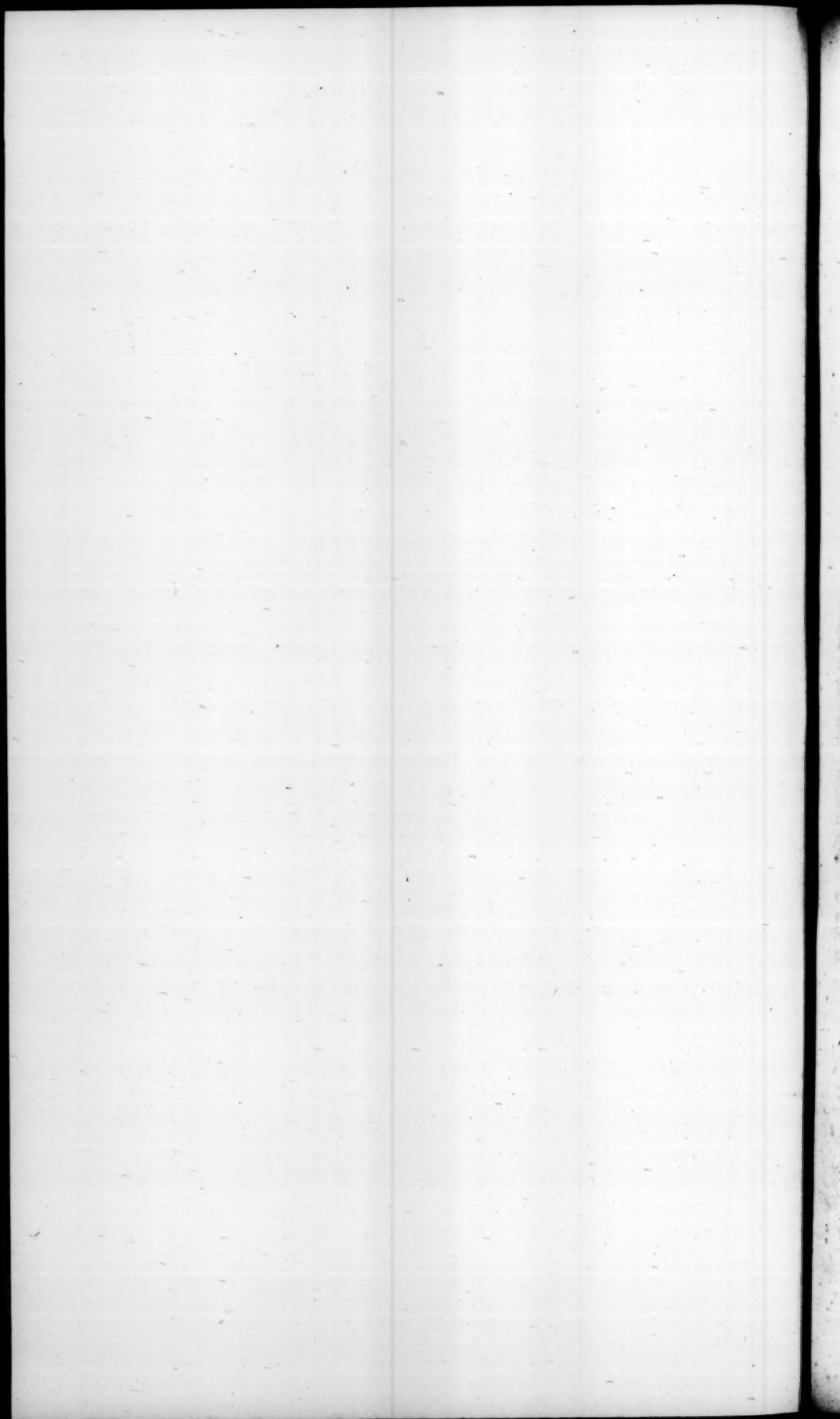
Rain 51.  
Excesses 23.  
Winds 39.  
High Winds 23.  
Mist 14.  
Meteors 4.  
Hail 7.  
Thunder, Lightn. 5.  
Irides 2.  
Dark Air 2.  
Sum. Dier. 105.

§ 3. Where if the First out-goes the Second in the Prior Instance for Number, yet in Weight they seem to be equal; There are more Rains in the Former, more Excesses in the Later. In Mists, in Meteors perhaps, in Dark Air the First exceeds, in Winds, in Thunders, in Irides, the Second is equal.

§ 4. But what shall we say to the disproportion of the Rains 75. to 51. It cannot scarce be casual, and therefore the First will claim, especially if we observe a Circumstance which stares in the Face of the Reader, where the Rains in the First Sextile are observed to show themselves about Even or Sun set, or after when our Planet ☉ aspected with the Sun, hath taken leave of the Hemisphere, yea when sometimes the Sun also hath left it: In the Second Sextile more seldom so, and yet there we find it 27. times: This be sure is gained from it, that an Aspect hath a due force or Influence even while one of the Bodies concerned, (if not Both) are hidden under the Earth, which hitherto hath been with me a Question in the Square, and Trine, and Sextile, but now begins to be held in the affirmative.

§ 5. In both Sextiles seeing now the Moisture happens most part post meridiem, the account seems to be easier. Sure the Western side of the Meridian







*ridian*, as we have already said is most inclined to Rain, and that is the Scene of all *Sextiles*, and of all other Aspects of Northern Declination except the  $\phi$  and *Quincunx*.

§ 6. The Difference of Hail seems so considerable that I must hunt after some reason: Is it not because that in the later \* the Planet rises after the Sun, and in the very Hour of Hail happens to be in the rear alone, and Desolate. For though the Planet be but 2 Signs distant, yet, if we observe it, Hail seldom happens in the Evening, or near  $\phi$  set, and therefore  $\phi$  may be well upon, or on the other side of the Meridian, which if it be, the Absence of the Sun makes it the cooler Quarter.

§ 7. Now what I find in common to these *Sextiles* are first the appearance of Rainbows, and in the Second *Sextile* a Reflexion of a Rainbow, an *Iris* reversed, with the Purple Facing outward, as by Laws of Reflexion must appear, I am not engaged to speak to the appearance, if it depends on this Aspect, I reckon it rarity enough.

§ 8. The Next is another passion of Clouds in Furrows unusual, to be noted the rather, because of that strange observation of the appearance of Clouds mentioned under the  $\Delta$ , whose new Creation seemed as sudden, as the Generation of Smoke from the successive accension of matter combustible.

§ 9. The next is a common Blite in the First *Sextile*, Jul. 7. Anno 1661 In the Last, April 30. An. 60. there is one Effect hard to be discovered, unless by very watchful Countrymen and Gardners; at what time we find in the following Month many Caterpillars noted: Had we not some such instance before? And doth not all help? As the Wren said, —

§ 10. Now let not our Hony-drops sink, noted I remember May 4. An. 60. in the Second *Sextile*, a casual Instance, I confess, but such as may be accounted for, no doubt, where there is opportunity for a curious Observer. Stench of Mists and Hony-drops we know belong to the same Cause.

§ 11. Our last Instance is the worst, for it seems to be beyond question, it brings off-times a sick Interval, in March 74, June 76, August 78. for the First: March, An. 73, April, Anno 75, May, Anno 77. for the Later. Six continued years with one and the other Aspect, you see, are unlucky; I use the Word, with an *ita dicam*, call it Offensive to Health, or what you please. Posterity will believe this, when they have confirmed it with their own Observation. And so I make an end of the *Marsio Solar Aspect*, the Habitude of those two Great Planets.

right one of another Planet. 49. Strange Effect. 50. The instant effect. 51. Difficult from the look in this instant. 52. Apertio Portum. 53. Difficult from the instant. 54. Apertio Portum. 55. Difficult from the instant. 56. Apertio Portum. 57. Difficult from the instant. 58. Apertio Portum. 59. Difficult from the instant. 60. Apertio Portum. 61. Difficult from the instant. 62. Apertio Portum. 63. Difficult from the instant. 64. Apertio Portum. 65. Difficult from the instant. 66. Apertio Portum. 67. Difficult from the instant. 68. Apertio Portum. 69. Difficult from the instant. 70. Apertio Portum. 71. Difficult from the instant. 72. Apertio Portum. 73. Difficult from the instant. 74. Apertio Portum. 75. Difficult from the instant. 76. Apertio Portum. 77. Difficult from the instant. 78. Apertio Portum. 79. Difficult from the instant. 80. Apertio Portum. 81. Difficult from the instant. 82. Apertio Portum. 83. Difficult from the instant. 84. Apertio Portum. 85. Difficult from the instant. 86. Apertio Portum. 87. Difficult from the instant. 88. Apertio Portum. 89. Difficult from the instant. 90. Apertio Portum. 91. Difficult from the instant. 92. Apertio Portum. 93. Difficult from the instant. 94. Apertio Portum. 95. Difficult from the instant. 96. Apertio Portum. 97. Difficult from the instant. 98. Apertio Portum. 99. Difficult from the instant. 100. Apertio Portum.

1. The Conjunction of Mars and Venus should in conjunction with  
our former Method, not precede, but follow that of 2. for  
the Conjunction of the more con-  
siderable Planet on 2. line, moved me to precede before that  
with 2. whose account, till of late days, hath been the rule.  
2. This 2. happens some years to show in itself to the budding view in  
the Northern Hemisphere: God is ordering it for Astronomy's sake, and  
the

## CHAP. VII. ♂ ♀.

## Conjunction of Mars and Venus.

§ 1. This ♂ takes place here before ♀. 2. 'Tis many times visible, and a fine sight to see. 3. In Heathen Theology it is a lewd Fable. 4. 'Tis of uncertain return. 5. It brings an Apertio portarum. 6. It commonly brings its effect. 7. The Aspects Character. 8. The Home Diary produced. 10, 11. Descant upon the Evidences, i. e. as to Heat. 12. The Objection of frosts. 13. It brings Testimony to Rain. Not to Floods in the Partile, they belong to the Platic. 14. The Fog. 15. The Winds, the Observation concern, Wind changing, 16. Oft-times prognosticable to an hour. 17. Halo Paelia. 18. Fiery Meteors. 19. Days 240. of 280. bear the Character. 20. The Foreign Diary. 21. Who wishes well to the the Sea-man, is a well-wisher to his Country. 22. Distance of 10 Degrees proper to stormy Constitutions. 23. Account may be given of the Duration of a Tempest, for a Week, Month, &c. 24. Stated or arbitrary. 25. Kepler forced to concurr. 26. One Aspect extinguishes not another. 27. A Tuffon is a dire Meteor. 28. This Aspect as proper for Hail as any. 29. Its Thunders. 30. Keplers confession. 31. Blite. 32. Seven Degrees distance remarkable for Lightning. 33. This Aspect either produces or prolongs Comets. 34. & 35. Proved. 36. New Star in the breast of Cygnus, Dissent from Hevelius. 37. Earthquakes challenged by this Aspect. 38. Platic Aspect must be admitted with Partile. 39. Currents challenged. 40. Fournier's Opinion, the Moon not the only Cause. 41. Some difference between Partile and Platic. 42. Floods. 43. Some Floods without Rain speak fermentation. 44. They belong more to Mars and Venus than ♂ ♀. 45. A List of Mercurio-Martial Floods. 46. A List of Venero-Martial Floods. 47. Our Planets Aspected operate in sight one of another; proved. 48. Opposition of Mars and Venus also a Flooding Aspect. 49. Strange Tides. 50. The Antient Astrology in this justified; Apertio Portarum. 51. Dissent from the Antients, who make the contrariety of the Houses to be the cause of Apertio. 52. & 53. Other causes offered. 54. Apertio Portarum, a handsome term of Art. 55. The Malignity of Martial Aspects. 56. Demonstrated by a large induction; the Origine of the Pestilence is Celestial, against the diligent Dimmer-Brock. 57. 'Tis not eating of Fruit makes the Autumn sickly.

§ 1. **T**HE Conjunction of Mars and Venus should in compliance with our former Method, not precede, but follow that of ♀; for so it was in the Solar Conjunctions. But the consideration of the more confessed and exact Calculation on ♀ side, moved me to present it before that with ♀, whose account, till of late days, hath bin in the dark.

§ 2. This ♂ happens some years to show it self to the publique view in the Nocturnal Hemisphere; God so ordering it for Astronomy's sake, that what

what could not be possible in the Diurnal Solar Conjunctions, should be conspicuous to all who were given to observation; and a fine Scene it makes in the Heavens; *Jucundum spectaculum*, saith *Kepler*, truly, as all must confess who regard the Motion and Lustre.

§ 3. In the Harlot Trology of the Heathen, the Conjunction of  $\delta$  with  $\eta$ , makes a lewd smutty Story; but in the Chaster Regions of the Ether, 'Tis a Congress of two Glorious Lights parlying one with the other such Language as we labour at present to understand.

§ 4. The Revolution of this Aspect is somewhat intricate, not visiting us once in Two years, as the  $\delta \delta \odot$ , but with more uncertainty and variety. Variety, because it is found sometimes to repeat the same Radiation once or twice before its departure, as Annis 1654. 1660. &c.—Uncertainly, because we may meet with an  $\delta \delta \eta$ , and also our  $\delta$ , within the space of one Twelvemonth, and again otherwise, neither  $\delta$  or  $\delta$  in the same time.

§ 5. Now, this is so far from an Every-days-Aspect, that it is by Astrologers vouched to be free of the Society which bear an *Apertio Portarum* for their Motto. A Port-opening opening of the Sluces of Heaven for Rain and Wind; concerning which Notion, and the grounds of it, If I may speak freely, we will, at the Close of this Chapter, declare our Sentiment.

§ 6. The Aspect is violent, That's plain, of a large effusion, exceeding many of its fellow Martial Aspects; and so the Neoteric's tell us. For when they come to declare its Influence, They lay Weight upon their Words, and say, *Semper fere fert malum statum aeris*: and others willing to forget the *Fere*, (as if there were some absurdity in *Semper* joyned to *Fere*) pronounce roundly, *Semper malum*, as if the Effect never fail'd. But who goes to persuade that? No, *Solet movere*, saith *Eichstad*, and goes no further. The infallibility of the Effect belongs to the perfection of Astrology. We are now treating but of the Rudiments only, and first Principles considered by themselves.

§ 7. Will you know the entire Character of this Aspect from *Eichstad's* Experience? It useth to bring (saith he) Warmth, Rain, Winds, and in particular West-Winds, and at time of the year, Snows. Not forgetting Lusty Conversions. And He adds, That this Influence lasts for some continuance of days, as before in  $\odot \eta$ , because the two Planets are of an Equal Gate. *Ephem. part 1. ad Annum 1636.*

§ 8. We hear him, and therefore we produce our Table for the interval of two degrees Distance, which relate to a Week, and somewhat more, at all times; yea, as it may happen, may concern three Weeks, or a Months time within the confines but of two degrees. That's brave advantage for a Learner.

The Home-Diary of  $\delta \eta \delta$ .

§ 9. *Intra Grad. 2.*

An. 1652. V II. February 26.

XXI. Clear, Rain, ~~slow~~; wind changes. N. W. S.  
XXII. Rain. XXIII. Rain, windy. NW.  
XXIV. Wind various, dropping. S.W.  
XXV. XXVI. Wind. S.W. (Wrack rides NW.)

XXVII. XXVIII. XXIX. Cloudy, high wds. March 1. Wind shift S.W. N.E. windy. N.E.

Anno 1654. V 7. Jan. 29.

XXIV. Fair. S.W.  
XXV. Misty, Halo D.  
XXVI. XXVII. Fair, mist, rainy. S.  
XXVIII. Misty, cloudy; fo 29. S.W.  
XXX. Close m. open. S.W.  
XXX.



XXXI. Frost, close m. S W.

Feb. 1. High winds, some wet, frost m. NW.

II. High wind, some snow wesp. frost m.

III. H. winds, very cold, threaten snow. N W.

IV. High winds, being cold, threat. snow. N E.

V. High wind, f. snow.

VI. Frost, cloudy, suspicious.

VII. Clouds; showry; so at night.

19 Iterum, 15. 8. March 23. 9 R.

XVIII. High winds, clearing. N E.

XXI. Windy. N E.

XXII. High wind, cold. N W.

XXIII. High wind, snow, hail. N W.

XXIV. Windy, some rain at night. N W.

XXV. XXVI. Windy, cloudy, m. p. N W.

Tertio, 23. Octob. 5.

II. Rain pouring wesp. tot. violent wind, and pouring wesp. N W.

III. H. winds ante L. variable, wet m. stormy day. S W.

IV. Cloudy, rain, wind, Lightning N. N W.

V. Dark and rainy; a. m. showers N. S W.

VI. Wet at evening. S W.

19 Anno 1656. August 24. 8.

XX. XXI. Fair, hot, Halo. N W.

XXII. Very hot, Gossamere. S W. N W.

XXIII. Great fog; very hot.

XXIV. Fog, hot; storm of wind 11 p.

XXV. Wet till 3 m. Bright, very cool. N E.

XXVI. Fair N W. after 10 N E.

XXVII. High winds Ely. offering. N E.

29 2 Anno 1658. 22. July 13.

IX. Windy, rain 9 m. S W.

X. Soultry, wind. S W.

XII. Melting day, Meteors. S E.

XIII. Windy, melting day, Meteors. S W.

XIV. High winds, threatening, meteors 11 p. W.

XV. VVindy, drille m. W.

XVI. Meteors. XVII. Showry. W.

Anno 1660. 18. June 14.

IX. Open and warm p. m. windy. W.

X. Close, hot. W.

XI. High winds, hot; H. winds at night. N W.

XII. Hot p. m. S W. W.

XIII. Soultry, ground-mist at n. W.

XIV. Soultry. W.

XV. Soultry, scalding air. W.

XVI. Blew mist, drops 5 p. showers, lighten. W.

XVII. Showers 2 m. S W.

XVIII. H. showers 4 m. Hot. S W.

Iterum August 17. 20. 9 R.

XV. Very hot. S W.

XVI. Fog, rain 10 m. very hot. S W.

XVII. Soultry, hot.

XVIII. The same.

XIX. Hot day, tot. Rain at midnight.

XX. Drille m. ✓

Anno 1661. 16. Febr. 25. Tunbridge. in Kent.

XX. Rain 9 m. and m. p. W.

XXI. Rain die tot; wet night, great Flood, N E.

XXII. Rain 11 m. &amp; n. rain 2 p. S W.

XXIII. Cloudy, warm even. S W.

XXIV. Stormy, wet n. S W.

XXV. VVindy, rainy 9 m. S W.

XXVI. Storms of Rain and hail. Halo; 2. S W.

XXVII. Little frost, fair. VV.

XXVIII. Frost, fog, misty. Halo. S.

March 1. Sad rainy a. m. Rain p. &amp; even. S.

II. Very rainy, windy. S.

Anno 1663. 28. Jan. 12.

VIII. Little frost, fair, fog at n. S W.

IX. Fog die tot. and night; frost. E.

X. Thick fog die tot. cold. E.

XI. Foggy frost; chiefly p. m. E.

XII. XIII. Foggy, frosty. E.

XIV. Foggy, sleet. E.

XV. Foggy, some wet 4 p. &amp; 10 p. S.

XVI. Fog, warm. S W.

XVII. Fog, rain 8 p. 6 m. p. S W.

Anno 1664. 8. Novemb. 27.

XXIII. Hard frost, cold, fair. N.

XXIV. Fog, frosty. N E.

XXV. Hard frost, rain 11 p. E. S E.

XXVI. Drizzling m. close rain. E. S E.

XXVII. Misty; rain 11 m. and p. m. &amp; 6 p. S W.

XXVIII. Wet ante Sun ort. 10 m. S W.

XXIX. VVet ☉ ort. some drops 8 p. N E.

XXX. Close rain p. m. misty 6 p. ad 11 p. N E.

Dec. I. Some drille at n. N E.

An. 1665. 3. July 18. 9 Stat. Waltham Crofs.

XIV. Cloudy m. hot. N E.

XV. Excessive hot, high Winds p. m. lighten. N E.

and a shower p.

XVI. Much Lightning 2 m. Blew mist extend. S E.

ed on the Hills. S E.

XVII. Blew mist over Sun wesp. cloudy in S.

with two Terrible flashes, and a clap of

Thunder and Rain, from London to Edmonton.

XVIII. Thunder and Lightning with storms, p. m. N E.

and coasting round the Horizon, p. m. N E.

XIX. Rog all m. Hot, fine rain 10 p. W.

XX.

XX. Refreshing rain at break of day, and at ☉ rise, cooling Showrs. W.

XXI. Daff 10 m. Thund. Lond. 11. and Rain. S W.

XXII. Cool, High winds, coasting showrs. S W.

XXIII. f. showrs 4 p. S W.

**27** Iterum, ☉ o. Aug. 29.

XXII. Warm, cloudy, m. p. VV.

XXII. Warm, drille 6 and 7 p. S W.

XXIV. Warm, much Lightning and Thunder at a showr. S W.

XXV. Misty m. mistle, Rain 9 p. S W.

XXVI. Close m. p. warm, blew mist, Meteors. E. S E.

XXVII. Warm, showring 4 p. & 8 p. S W.

XXIX. Suspicious morning, windy, fair. S E.

XXX. Windy tot. nof. offering. S W.

XXXI. Wind, close m. N W.

Sept. I. Frost, very cold ante ☉ wet 9 p. m. S W.

II. Warm, close. S VV.

III. Warm; misty m. N W.

Anno 1667. = 28. Jan. 10. ♀ R.

VII. Windy, thaw, close. VV.

VIII. Rain at day break. S E.

IX. Cold m. p. Rain, and snow. N.

X. Frost and snow; others die tot. gusty, cold. N.

XI. Frost; Thaw nof. tot. S.

XII. Dark day; Fog taken up. S.

**26** Iterum, ☉ 28. Aug. 6.

II. Hot p. m. winds at night. N W.

III. Hot. N E.

IV. Fog m. hot. Lightning according to prognostick. W.

V. Fog m. hot, windy. S E.

VI. Fog m. melting day; yet brisk winds. S W.

VII. Fog m. and falls a. m. hot; hail 2 p. Lightning. N E. melting day, and sickly time. W.

VIII. Hot n. fog a. m. melting day, dry, Thunder toward London o. High winds vesp. Lightning at night in the N E. S W.

IX. Fine showr, stormy winds, Meteors now 6 p. S W.

X. Windy; showring 10 m. ad 1 p. S W.

Anno 1669. ☉ 12. June 23.

XX. XXI. Warm, mist m. W.

XXII. Fog 8 m. hot, rain desired. S W.

XXIII. Mist m. fog, 9 m. hot, mist m. p. Sly. S W. N E.

XXIV. Warm, close. S W. N E.

XXV. Close m. cold n. N E. XXVI. Fog m. N.

XXVII. Fog m. pale thick Clouds; a dry season. W.

Anno 1671. II. 27. May 12.

VIII. IX. Windy, hot. E.

X. Much heat. N E.

XI. Mist m. Ropes, foultry. W.

XII. Very hot, misty, showr at Moon rise. S W.

XIII. Sultry, yet brisk cool winds. S W.

XIV. H. wind; showr 2 p. Dewy n. S W.

XV. Windy, offer a. m. showr at Hamsted. S W.

XV. VVind, showr, D fo. & 4 p. showring. S VV.

Anno 1673. II. 28. April 23.

XVI. Misty air, heat. E.

XVII. Hot day; mist, Field and City. N E.

XVIII. Close morn. offering o. heat. N E.

XIX. High wind and rain m. p. showr 4 p. S W.

XX. Windy and rain. Sly.

XXI. Close, high wind m. shedding Noon. S W.

XXII. Windy, some dropping p. m. Sly.

XXIII. Lowring; High cool wind. Sly.

XXIV. Windy. S W.

XXV. Drille 10 m. and 3 p. S W.

XXVI. Warm, some drille 6 & 7 p. S W.

XXVII. Showr o. & 4 p. mist. S W.

XXVIII. Close day, some moisture 5 p. S W.

XXIX. Close m. no mist. N E.

XXX. Hot. N E.

May I. Showr 6 m. Sultry, Thunder 4 p. Storm of Hail and Lightning 9 p. Ely m. Wly.

II. Warm; wet 3 p. N E.

III. Warm, close, mist, Field and City. N E.

IV. Close m. p. some wet 4 p. Nly.

**8** Iterum, ☉ 15. May 21. ♀ R.

V. Drille once or twice; cool. N E.

VI. Drille 6 p. cool day, some whld. N VV.

VII. Very cold m. Nly.

VIII. Rain 10 m. brisk wd, N E.

IX. Coasting showr 8 p. N E.

X. Some wet, overcast. N.

XI. Clouds, clearing, some Rain or Hail 2 p. N.

XII. Gentle rain 1 p. 5 p. 7 p. very cold night. Nly.

XIII. Wet p. m. tot. S VV. clouds ride. Nly.

XIV. Wetting m. offer p. m. N E.

XV. Showry 3 p. 5 p. N E.

XVI. Rain m. brisk wind. N E.

XVII. Brisk wind. N.

XIX. Temperate, blew mist. S W.

XX. Windy, offering; mist taken up. S W.

Parelii at Womondham, in agro Leicest. S W.

XXI. some showrs 9 m. Sly.

XXII. f. showrs at o. and vesp. N W.

XXIII. Showrs coasting, and towards mid-night. S W.

XXIV. Showr. ante 1 m. 4 m. smart at o. daff at 2 p. S W.

XXV. Windy, wetting ante 9 m. Thunder at Warwick, Lightning, Rain in the S W. at 11 rise; showrs. ♀ South. S W.

XXVI. Showring 10 m. offer p. m. windy S W.

O O O

*Iterum, m 25. Dec. 7.*

- III. Wet a. l. showr 2 p. & p. m. S W.  
 IV. Rain a. l. cold rain a. m. high wind. N.  
 V. Frost, cold Nly. but at night, E.  
 VI. Frosty, cold sharp wd. E.  
*Very high wind a. l.*  
 VII. Extreme frost, mist, E. m. Sly p. m.  
 VIII. Rain 7 m. & 1. windy. S W.  
 IX. Rain a. m. & at 9 p. S W.  
 X. Wind, warm, close, S VV.  
 XI. Drisle 1 p. 7 p. S W.

*Anno 1675. m 10. Octob. 27.*

- XXIII. VVarm rain 10 m. at o. wetting p. m. VV.  
 XXIV. Stormy wind, dash of Hail and rain 1 p. and storm, rain 6 p. high winds 9 p.  
 XXV. Frost, yet warm m. wind and rain 1 p. at 4 p. Tempestuous and wetting 8 p. W.  
 XVI. VVindy a. l. cold. Inundation in Holland, Amsterdam, Hague, &c.  
 XXVII. Blustering noff. tot. rain 2 p. 4 p. N E.  
 Cough universal taken notice of.  
 XXVIII. Rain 11 m. 2 p. 6 p. E.  
 XXIX. Frosty, misty. E.  
 XXX. Fog, frosty. N.

*Anno 1677. = 23. Sept. 13.*

- X. Fog, Meteors 10 p. W.  
*Die praced. Fire-Drake, as the people call it, seen in Moorfields, as big as 20 Meteors.*  
 XI. Fog, warm, brisk wind. N E.  
 XII. Fog, brisk wind; Fila, warm Meteor in East.  
 XIII. Fog; wind turned from E. to S E. 9 m. a showr 11 m, drisle 4 p. S VV.  
 XIV. Rain 2 m. misty, Meteors 2 or 3. One near V horn. E.  
 XV. Thick fog Nly. Gollamere. Meteors ab manu ad 4 9 p. S.  
 XVI. Fog; violent dash ab 8 ad 10 p. S.  
 XVII. VVarm, drops 7 m. showr 7 p. cold wd p. m. Wly

*Anno 1678. v 22. May 8. ♀ Stat.*

- IV. Brisk wind, rain 10 m. high wind, showr 2 p. 7 p. S W.  
 V. Showr 10 m. wet 10 p. E.  
 VI. Mifty, rain ante C. Blast at Foresthill, and Ely there,  
 VII. Brisk winds, clouds in Scenes, warm.  
 VIII. Very bright Meteors ab Ophuch.  
 IX. Mifty, hot S E. m. S W. hot 11.  
 X. Hot by all confession; Mist, Meteors 2 near m & Aquila.  
 XI. Mist, Ely hot rough wind ☉ orz. Red Meteors 9 p. Lightning bor. 11 p.  
 XII. Mist, rain m. rain 1 p. 4 occ. storm of wind 11 p. S.

- XIII. High wind noff. tot. Rain at 8 m. W.  
 XIV. Mifty, windy. W.

*19 Iterum, & 21. June 18.*

- XIII. Hot n. very hot a. m. Rainy a 3 p. ad 9 p. & 11 p. Nly.  
 XIV. Mifty, drisle 1 m. misty d. ☉ E.  
 looks red; Hear 10 p.  
 XV. Sun shine red, heat. Nly.  
 XVI. Mifty, glowing. cl. heat. E.  
 XVII. Mifty, N E. warm.  
 XVIII. Mifty m. heat. E.  
 XIX. Soultury, Thunder, lightning 4 p. 5 p. with rain; Lightning 9 p. W.  
 XX. Hot, Clouds in Scenes, Lighning 4 p. 9 p. S W.  
 XXI. Hot, misty a. m. Rain and thunder m. p. m. drowning Highways and Cellars. Wly. Ely. 11 a. at 10 p. Nly.  
 XXII. Lightning ante 4 m. rain, heat. Wly a. m. Ely p. m.  
 XXIII. Heat, coasting showrs 5 p. Iris, Thund. 7 p. Clouds rise 8 p. Lightning and Thunder in the Night.  
 XXIV. Brisk winds p. m. Lightning and Thunderclap, some rain, bor 8. p. Rainbow N E. with variable H. winds.  
 XXV. Windy, showr m. N E.  
 XXVI. Warm. N E.  
 XXVII. Warm, misty, heat. wind. N. Sly at Night.  
 XXVIII. Heat. rain circa 9 p. W.  
 XXIX. Close and heavy air a. m. warm, Lightning, and dry Thunder.

*Anno 1679. = 17. Aug. 15.*

- XI. Gentle rain 7 p. Ely at night.  
 XII. Ely misty day ☉ red, warm, offer 3 p.  
 XIII. Ely. some fog, rain 5 p. — Sly at n.  
 XIV. Wly. Fiery Meteors 10 p.  
 XV. Wly. some wet in S. 7 p. rain 9 p.  
 XVI. Wly Fog, some little rain pretum'd 1 p. in the South, warm.  
 XVII. f. rain at 9 m. & 10 m. Brisk wind, rain 2 p. Lightning 9 p. Meteor 5. S.  
 XVIII. Some rain 1 p. 3 p. cloudy 7 p. Wly.  
 XIX. Nly rain, a 6 p. ad 9 p. warm night, mist, troubled air a. m. Ely.  
 XX. Fog, rain ante 6 m. & 2 p. N.

*27. Octob. 25. ♀ Stat.*

- XXIII. High wind, bl. frost.  
 XXIV. Fog, cold Meteors 3. NW.  
 XXV. Fog, frosty. Nly.  
 XXVI. Fog die tot. E.  
 XXVII. Fog a. l. dark. E.

*Anno 1680. & 21. May 27.*

- XXIII. Rain 8 m. very high wind, showrs 3 p. W.  
 XXIV. Very high wind, rain 4 p. Wly.  
 XXV.



- XXV. Very great fog, warm, rain 10 p. S E.  
 XXVI. Rain 7 m. brisk wind; troubled night. Ely.  
 XXVII. Rain a 2 m. *usque* ad 3 m. and a 2 p. ad 4 p. hot day, foultry night.  
 XXVIII. Fog, foultry rain a 3 p. ad 8 p.  
 XXIX. Brisk winds, rain a 9 m. ad 2 p. shower 3 Claps of Thunder, rain apace ante 10 p. Ely.  
 XXX. Rain hard, fog, brisk wind, smart shower 8 p. Wly.  
 XXXI. Brisk wind, warm. Wly.
- Ann 1682. ♂ 4. April 13.  
 2  
 VIII. Cold fog. Foggy 9 p. wind. Ely.
- IX. H. wind, gentle showers at 4 p. S.  
 X. Windy, shower 10 m. temperate. S.  
 XI. Windy, wetting 9 m. cool p. m. Rain ad 9 p. Wly.  
 XII. Shower 10 m. & ante 3 p. & 4 p.  
 XIII. High winds, fog Sun occ. high winds and Rain 10 p. Sly.  
 XIV. H. winds and rain a. m. cold p. m. W.  
 XV. Clouds in Scenes; shower a. m. and at 2 p. Sly m. W. p. m.  
 XVI. Gross fog; close and foggy p. ☉ occ. Dash of rain *usque* ad 9 p. wind E. m. and W. p. m.  
 XVII. Clouds in Scenes, some rain ante o. W

§ 10. Perusing these Premises, though but of *two* degrees distance, which is reckoned too little, by Artists, for an Aspect of ♂ with ♀. I note these particulars; some whereof are omitted in the common description; and what is the First but Heat? ☉ and ♂ have a different Situation in the Heavens; and what that difference may produce, I have no other way to acquaint my self but by Observation. Verily ♂ and ♀ also are remarkable for this, which, we have hitherto called the prime Product.

§ 11. The Sum Total of our Bill is 280. from whence if we deduct the odd 80. or 90. rather (for so many days are exhibited from our Winter Months, viz. from *October* to *March*, inclusive) We shall find but 200 days, or 190. The Moiety of which is 100. and toward that we have 89. (say 90.) Express hot days. Be pleased to look upon our account of *August* 1656. *July* 1658. *June* 1660. What would men have more? They are the first Summer Months appear in the Table, and they are immediately consequent one to the other; for of their kind none have interposed in the intermediate years, none in 1657. or 1659. to contradict. Try therefore again, not *June* only 1660. but *August* also corresponds. So doth the next Summer Months of 1665. 1667. 1669. 1671. Scarce a Month to be found in discord amongst all the variety that Nature presents: Signally these. Let it be remembered that we find *melting* Weather, *Anno* 1658. 1667. *Scalding* Air, *Anno* 1660. and excessive Heat, *Anno* 1656. 1665. 1671. 1678. and where not? Except once or so, when the Wet hath palliated the Heat, as 1679. or 1682.

§ 12. The Objection of what *Cold* occurs, we have said, ought not to move a Wise man; for where is variety, but in the Work of Nature? Study it in what *Topique* you please, and you shall find it. This we say not, as if we were hindered by the Objection; for the *rarity* of the contrary is Argument enough for us, as in the ♂ ☉ ♂ hath bin observed. *March* 1654. *June* 1663. *October* 1679. What is *three* to XXVIII.? Beside that, 'tis not for nothing that the Two last of those Months have foggy Air, joyned with Frosts; which shews an abatement of the Cold; and a Similar Effect of a reserved Cause. For when we say Heat, we do not mean every Day should melt or scald us; but some sensible degrees of the Quality, more or less, and rather for the *more*. Therefore you hear that the Character of this Aspect speaks of *Snow* and *Hail* at the Seasons as well as *Rain* or *Coruscations*, hence *Rain* and *Snow* which is next, is not omitted by the *Common Character*.

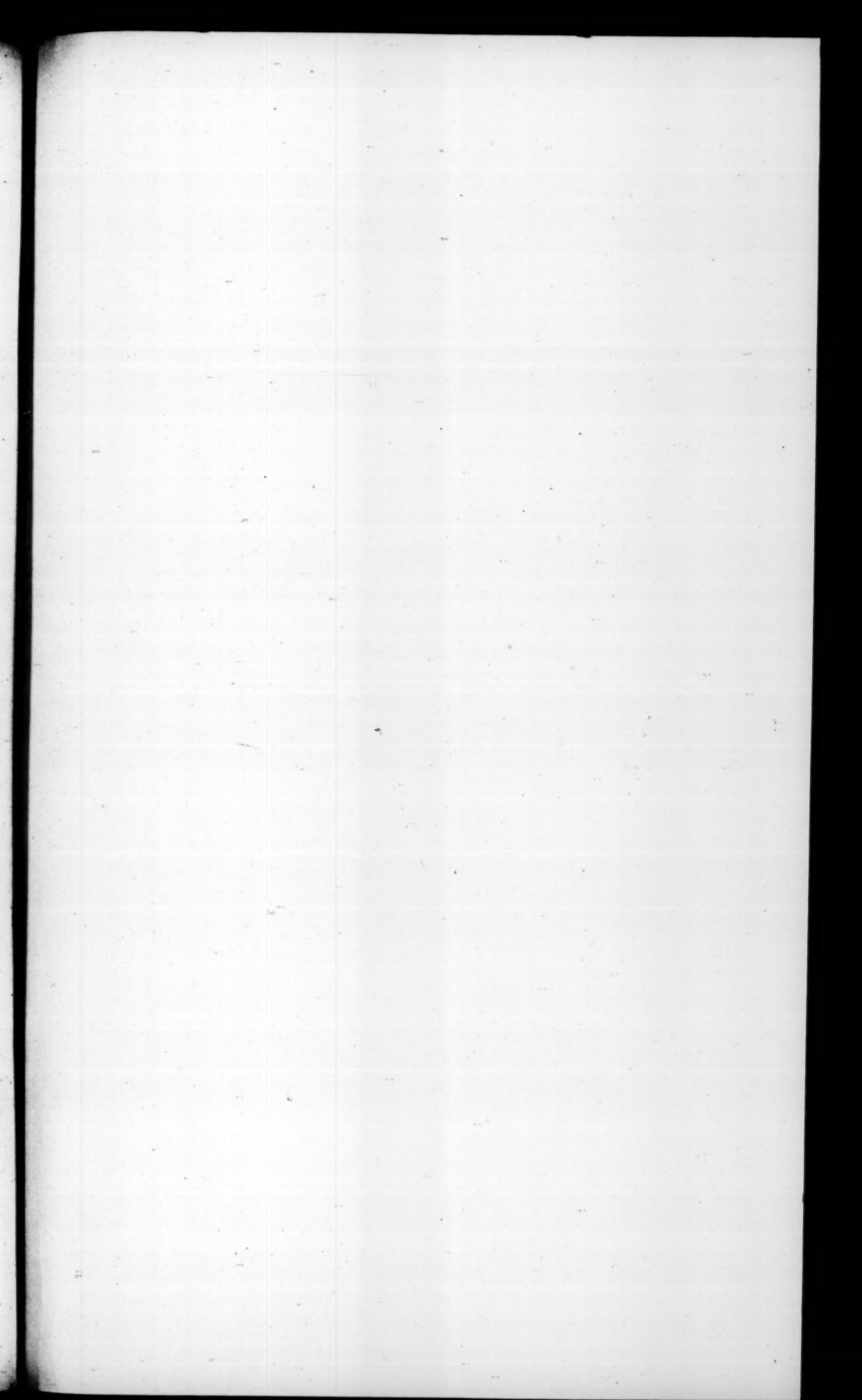
§ 13. This little Table, (I so term it because it stands upon a little *Basis*) bears a competent Testimony to *Rain*. For even here, He, who shall hunt for a dry Season, as *March* 1654. *August* 1656. &c. must wade through many a wet day to get thither. As in our First and Second Instance of Feb.

An

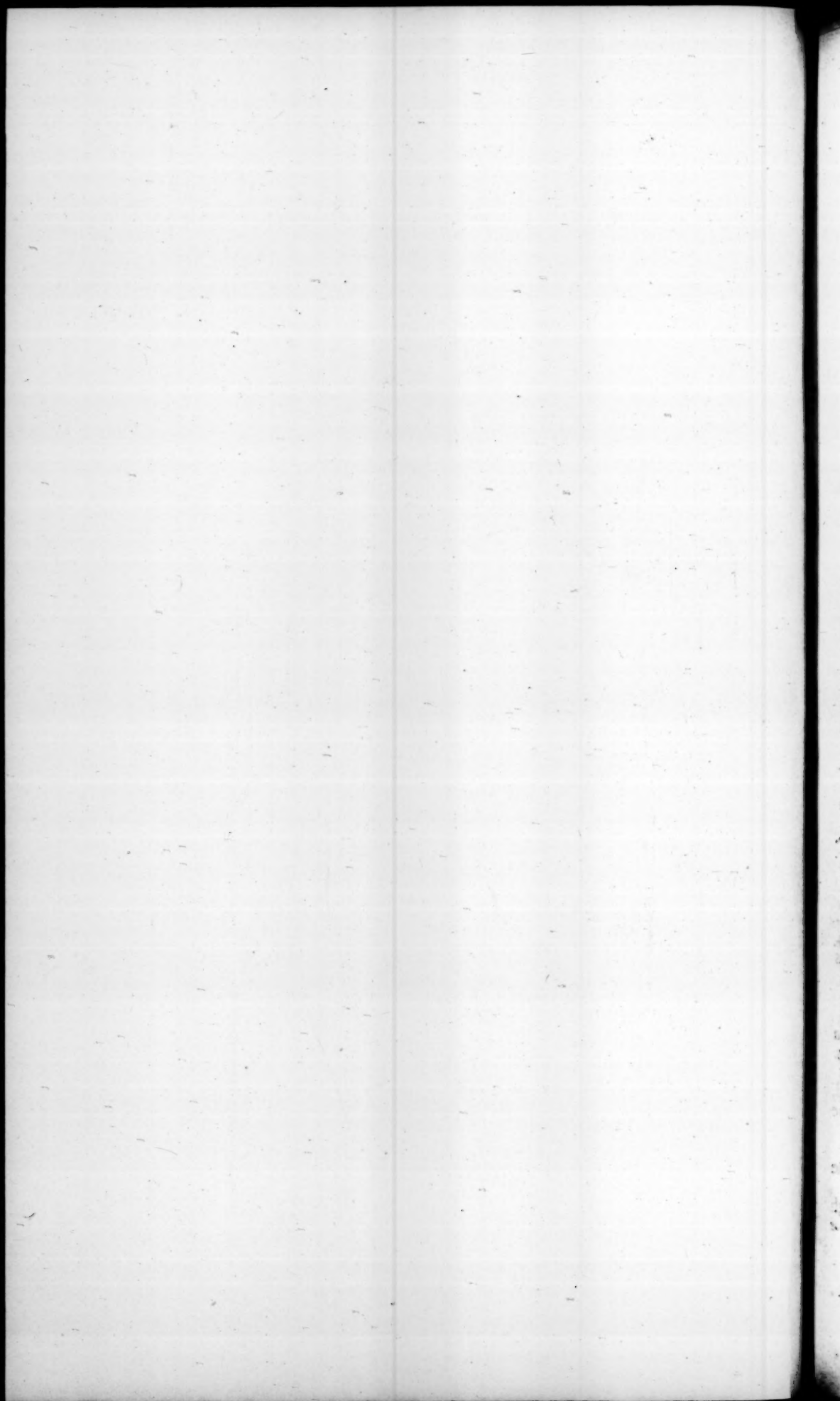
Anno 1652. & Jan. Anno 1654. is visible. March it self *subornes* two days Witness for us, with Snow and Hail in one day, and Rain in the other. To make short, we find 139. wet days, Snow and Hail included, of our 280. which being an absolute Moiety, speaks its mind. For the Floods or Inundations, the Effects of profuser Rains, we shall speak in our Larger Account. For though we find even here an Inundation, or Two, as that of *Amsterdam, Hague, &c.* Anno 1675. Yet, they are found more commonly unconfined to such a *Scantling* of a degree or Two, (of which alone this Home-Diary consists.) Hence that in *Febr.* 1661. about *Tonbridge*, cannot be imputed to a Single day, but to several precedent Days at a greater distance by two or three degrees more. Of Floods therefore in their proper place; *Eichstad* (I say) refers Inundations to ♂ and ♀, which we shall find to be true: but so that ♂ and ♀ put in too; yea, many times at the very *Nick*, when ♂ and ♀ may seem to be the only Sluce-Openers.

§ 14. This brings us to the Third considerable, which I find is Fog, observable for 18 days, which, though it come near a 20th part almost of the whole, yet you know I reckon it not so much to the Influence of our Aspect; as to the *Half-Influence*. A Fog being nothing but a wet or *dropping Constitution*, spoiled in the making; The First Draught and Lineaments of a Showr drawn, as it were, in *Cole*, not by a dropping, but a more dry Pencil. And hitherto do we reduce the *Fila*, the Ropes on the Ground, and the Floting *Gossamere*; which I have observed to be the Product of Fog or Mist, when that the moisture being exhaled, the *clammy* part is left behind.

§ 15. Winds, I would take to be *accidental* to our *Partil Aspect* at least, or not so suitable to the Influence, as is found in others, (Though I acknowledge 90 Influences, of which 42 are heard as High and Lofty) In like manner as in ☉ affected with ♀, we found not so much Wind as with ♀. But the Winds *changing*, which I find Twenty times, and upon a more attentive Watch believe it might have been trebled: I am not going about to perswade, notwithstanding, that it belongs to this Aspect alone, remembering what I have said already of the ☽ to some such purpose; yet it may concern some certain Aspects more than others. For the Solar Aspect with any Planet, the ☽ excepted, as we have said, I reckon here to be excluded; since they help to *Fix* the Wind antecedently to the Change. For if they do not, what else can be assigned? The Sun and those which conspire with him settle the Constitution; if any other adventitious cause can alter it, it may: The Sun, I say, in Aspect, or out of Aspect, gives being to the Constitution; the other which are concerned, not with him, but with one another, exert their peculiar Strength in Weather and Winds; provided that the Aspects of these different Planets lye at some distance from the ☉; for otherwise their Influences like Flames unite. But if it so happen that the Sun being up, These Aspects are not in haste to follow him, because of their distance; their Influence may be separated so far as to suffer a cooler Wind to blow, which upon their Rising shall *vere* to a warmer point. For observe it when you will, if the Wind turns to a chiller part of the *Compass*, There is some *retreat* of the Heavenly Bodies: They either part One from the Other, or leave the Horizon. On the contrary, when the Winds turn from a cold Quarter to a Warmer, West or South, &c, There is some new appearance above the Horizon, or new Application of one to another. And this, it may be, made *Eichstad* observe to us, that the Wind changed often to the West under this Aspect; which so far is true, that it never changes from the Warm Quarter by virtue of this Aspect; toward the warm Quarter it doth (unless in State of Dereliction.)







§ 16. Verily, 'tis a pleasant piece of Art to be able to say, as on some certain days we may, while a *Northerly* Wind blows, to assign, I was going to say the *Minute*, when the *Wind* shall *turn*. I remember One Instance of that Nature; I cannot say 'twas this Aspect precisely; that *once* according to observation, expecting the *Wind* to *turn*, I went up to the *Battlements* of the House, and Lo! Within half a quarter of an Hour the Vane of a Neighbour Church at a very little distance, turned to the Point which I was aware of. 'Tis well I was alone, for if any less curious Person had been with me to have attested the Event, which is sober Truth, I should have been suspected for a *What d'ye call him?*— This can the Observation of the Planets attain to, as may be seen in the Chapter of the Rise and Setting of the Stars, a part of this Treatise.

§ 17. There is *another* appearance for which this Aspect hath a *Fame*, and that is *Iris, Halo, Parelia*. Of the former we have one great Instance from *Leicestershire*, of the Later I fear I have met with more than are noted down: Something I am sure we shall find, though not proper to the Aspect perhaps, nor again improper. *Kepler* hath one remark under the name of *Phasmata*; by which he means some such appearances, as may be seen by his note of *Iris Inversa, circa solem ad Febr. 4. Anno 1662*. Nay, by *Halo*; and *Parelia* expressly noted, *April 25. Anno 1625*. Remembring also that the inverfed *Iris* is a *prælude* of the *Parelium*; The Truth is, He mentions no other Sights but what we have pointed at: I have reason to think that ♂ hath a *great stroke*, and ♀ too, though not always under this determinate Aspect, appealing to his Diary of 1623. Or, rather for our Aspects sake, to that 1622. Where, besides what we have seen within two Degrees, *Phasmata, Parelia, Jan 25. Styl. Vet.* We meet with them a Second and Third time at a further distance both before and after the Partile Aspect, at 7 gr. distance, and 11 degrees; *Jan. 3, 4, 5. S. N.* Now, least any should at a venture tell us, that gr. 11. is too unreasonable a distance; he will be put to the Blush, when he shall be told, that the next *Parelii* noted in *Kepler's* Diary are found once again when ♂ and ♀ are at the same Distance of gr. 11. *Mart. XXII. 1622.*

§ 18. Of *Meteors, Coruscations* and *Thunders* we shall speake in our Larger Diary; we will put some up here, and reckon them. *Meteors 17. Lightning 12. Thunders 13.* Genuine Off-springs of ♂ and ♀. In *Æstival* Months understand; and I add, and in *Æstival* Postures: In such a case ♀ is a *Fire*, ♀ is a *Vulcan*, an *Ignivomous* Globe, scattering *Flames* through the *Æther*; a *Fury*, as well as a *Beauty*.

§ 19. Suppose then we add no more, the Character of the Aspect will shine from the surface of this little Diary: For if the Premises have any Force in them, we shall find in about 280 days; near upon 240. that carry a manifest Signature of ♂ in them. If Heat, if Wind, if Rain, Snow, Hail, and Lightning, and Meteors, if thick Fog; (for Martial Fogs are more Gross and Dense than some others) if *Iris* and *Halo*, be fruits of ♂ his configuration, Then here we see them. Rain with Flouds, and Lightning with Blite, Heat with a Sickly time; (now all is out, we cannot eat our Words.) Then ♂ and ♀ in ♂ are not to be slighted. For Flouds, Blite and Sicknes are hinted, even in this Table; more largely and more sensibly to be seen in the Following Diary, which I have collected with some Diligence, and presented to the Reader.

The Larger Foreign Table of 882 of Stormy Winds and Rains  
in order to the asserting of the Aspect, and the Platic Capa-  
city.

- Anno 1500. S 23. May 29.  
Brafle 23. Storms suddain, sunk four  
of Admiral Capralis Ships, *Purch. I.*  
8 gr. 11. soon after another Tem-  
pest, lb. gr. 3.
- Anno 1520. V 22. May 13.  
Barua in Ethiopia. June, Great Rain  
and Tempest, being their Winter;  
*Purch. I.* 1047.
15. Great Rain and Thunder at  
Night; 8 gr. 15.
- Anno 1524. X 18. Febr. 15.  
Loyaln. January, yea and Febr. Stor-  
my. *Genma cosmocrit. I.* 192.
- Anno 1626. III 13. May 23.  
Ormuz. 11. & 12. Storm lasting  
several days, *Purch II.* 1014. 8  
8 gr. 11. 8 8 gr. 2.
- m 6. Sept. 22.  
Afric. Octob. 15. Snow for 2 or 3  
Days, burying Men and Carriages.  
Leo Afric. apud *Purch. 8 8 8 gr.*  
10.
- Anno 1549. = 9. Sept. 10.  
China. 15. Prodigious Tuffon. *Purch.*  
III. 197.
- Anno 1551. m 27. Aug. 3.  
July 24. Barasque or Whirlwind;  
*Purch I.* 876. gr. 4.
- Anno 1556. X 25. Febr. 19.  
17. & 18. Tornado. Foul W. day  
and night; *Towerfon's Voyage*  
*Hakl. gr. 11.*
20. Fowl Weather; great change  
of Winds gr. 11.
27. Great Tornado with much Rain, gr. 4  
March 1. Tornado, *Towerfon;* p. 11.  
gr. 8.
- S. Domingo. Hiner add Jan 24.  
Storm lasting 11 days with great  
Mist, dispersed 8 Ships. *Tomson's*  
*Voyage. Hakl. Edit. I.* 582. 8 8  
a gr. 13, ad gr. 8.
- Anno 1558. X 13. Jan. 12.  
Dover. 9. Tempest. *Hollinsbed. gr. I.*  
21. Foul Weather. *Hakl. Edit. I.*  
12 gr. 9.
- Iterum, II 7. May 8.  
Caspian Sea. 13. Dangerous Tempest  
for 44 Hours. gr. 6.
- Tertio, v 9. Sept. 29.  
Octob. 5. Weather very foul. *Tow-  
ersons Voyage Third, Hakl. gr. 3.*  
English Coast. 16. Great Storms at  
Night (we lost Forefail) continu-  
ed 3 days, 8 8 gr. 9.
- Anno 1562. S 11. July 9.  
Caspian Sea. 22. Stiff Gale, forced  
us to Anchor; *Jenkinson's Voy-  
age, Hakl. 8 8 8 gr. 7. 8 8 8.*
- Anno 1570. 7 11. Octob. 15.  
5. Terrible Wind and Rain, with  
great Shipwrack, &c. *Stow, gr. 5.*
- Anno 1573. S 1. Jun. 20.  
Toceter. 7. Tempests and Hailstones  
6 Inches about, Rain, &c. *Hoves,*  
8 8 gr. 7.
- Anno 1577. S 8. July 10.  
N. L. 61. Inter July 8. & 16. Cold  
Storms; Steerage broke, Masts  
blown overboard. *Frobishers 2*  
*Voyage, v. Hakl. gr. 2.*
- Friezland. 17. 18. Cruel Tempest at  
Night in the frozen Sea. *Hakl.*  
gr. 8.
- Anno 1579. = 29. Octob. 24. (8 circ.  
m 2. Die 29.  
West-Indies. Nov. princip. Rough  
Weather; *Acofta. Lib. 3. gr. 5.*
- Anno 1583. V 1: Febr. 21.  
Rain and Thunder: *Wellshes Voyage.*  
*Hakl.*
- Anno 1590. X 17. Jan. 14.  
A Jan. ad March 15. No fair Wea-  
ther but Stormy. *Purch II.* 1674  
Febr. gr. 10. 12. Two great Storms  
in Jan. die 5. *ibid. gr. 8.*
- Iterum, m 14. Octob. princip.  
Oct. 1. Storms; *Haklunt. gr. 10.*  
In September Month, faith *Stow,* in  
his Summary, Thunder and Snows
- Anno 1592. m 0. Aug. 21.  
London. Sept. 6. Boisterous Wind,  
driving out the Water of the  
Thames: *Hoves, 8 8 gr. 9.*
- Anno 1594. S 16. July 12.  
North Sea. 10. Storm out of the  
West. *Purch. III.* 475. gr. 0.
- London. Rain continually through  
June



June and July every Night. *Howes.*  
July 26. 27. Rain extreme, *Ibid.* gr.  
10.

Anno 1596. *♂* 7. June 7.

May 12. Storm, in which was lost  
our Barks company, Sir W. Ra-  
leigh: *Hakl. Edit.* 2. gr. 12.

S. Domingo. May 13. Unwholsome  
Rain; *Purch.* IV. 1167. gr. 11.

Cadiz. June 20. Storm; Earl of Es-  
sex his Expedition: *Hakl. Purch.*  
gr. 8.

*Iterum*, *♂* 12. Sept. 17.

N. L. 32. North Sea. Sept. 8. Most  
terrible Storm at Even. *Purch.* II.  
1175. Waves as high as the Top-  
mast. gr. 8.

Sept. 27. Blows hard, and freezes  
hard, gr. 15.

Anno 1599. *♀* 17. Jan. 8.

Wind hindred, we could not double  
the Cape of *Bonsperanz.* *Purch.* I.  
118.

Anno 1602. *♀* 15. Octob. 17.

Streights of Malaca. Octob. 17. S. N.  
Grand Spouts pouring out of the  
Heaven: *Hakl.* gr. 17.

Cauchin South Lat. Inter Octob. 3. &  
31. Tempest, *Purch.* I. 973.

Nov. 4. No end of Storms, Rain,  
Hail, gr. 6.

Anno 1605. *♂* 5. June 23.

Die 19. Wind at Bedtide, force us a  
shore. gr. 1.

Jun. 11. Snow, Hail, Sea High;  
by reason of a mighty Current:  
*Purch.* p. 816. gr. 6.

Anno 1609. *♂* 2. June 26.

N. Lat. 48. 8. Stormy, variable,  
with Wind and Rain, gr. 11. 14.

15. Stormy, spent our Foremast  
overboard. *Hudsons Voyage.* 3.  
♂ & gr. 8.

*Iterum*, *♂* 15. Dec. 3.

Nov. 29. Hard gale of Wind, pro-  
ved stormy, &c. *Purch.* I. 104.

Dec. 3. In Bohemia, *Plutt.* in *Voit-*  
*landia.* *Ninxi.* Die 4. *Nix pluri-*  
*ma ita ut sine passim explicabiles,*  
*indessat fin.* *Kepler.* apud *Eich-*  
*stad.* gr. 6.

Die 11. Tempestuous; West wind  
lasted certain days, with some  
Rain, *Kepl. Ibid.* gr. 5.

Anno 1611. *♂* 3. Octob. 26.

Mozamb. die 2. Much Rain, *Purch.* I.  
278. gr. 14. 10, 11, 12. We found  
our selves to loose much by a  
Current, *Ib.* gr. 6.

10. Much Rain and guffy time. gr.  
6.

19, 21. Abundance of Rain. gr. 5.

Anno 1613. *♂* 18. Sept. 13.

Firando. Die 7. *Tuffon*, overthrew  
100 Houses, broke 40 or 50 Barks  
&c. *Purch.* I. 307. gr. 4. ♂ & 4

Die 30. Extreme Winds, expected  
another *Tuffon.* *Ib.* gr. 10.

Anno 1615. *♂* 7. Aug. 9. & *♂* 15. 22  
♂ &

Month of August stormy most part.  
22. Winds Tempestuous, while  
was under the Earth. *Purch.* I. 538.

gr. 6.

Anno 1620. *♀* 5. Febr. 23.

W. Indies. A Febr. ad March 14. Ma-  
ny Tempests. *Cap. Smith.* p. 128.

Anno 1622. *♀* 18. Octob. 4.

Lincii. Sept. 29, 30. *Caliginos. ventos.*  
gr. 2.

Octob. 6. *Zephyrus validus.* gr. 1.

Oct. 14. *Nix pluvia.* *Kepl.* gr. 6.

Anno 1624. *♂* 9. Aug. 23. cum ♂  
♂ 4.

Aug. 13. *Tempestas.* gr. 6.

18. *Tempest. Horrida.* gr. 3.

19. *Pluit Copiose.* *Kepler.*

Anno 1626. *♂* 7. July 12.

Lyncii. July 6, 7, 8. *Pluvia multa*  
gr. 2.

10, 11. *Nimbosum.* gr. 1.

12. *Larga Pluvia.* 13. *Ventosum.*

15. *Imbres.* *Kepler.* gr. 2.

Anno 1628. *♀* 5. Sept. 2. ♀ R.

Aug. 31. Sept. 1, 2. *Nimb.* gr. 1.

Sept. 5. *Nix. Pluvios.* gr. 3.

Sagam. Sept. 7. *Nimb. Grandinos.*  
*Kepl.* gr. 6.

Anno 1631. *♀* 22. Jan. 10. cum ♂  
Jan. 6.

Norimberg. Dec. 30, 31. Jan. 1, 2.  
Snow. gr. 10.

Jan. 7. Wind and Snow. gr. 2.

11, 12, 14, 15. Snow. gr. 2.

25, 26, 27. Deeper Snow. gr. 7.

Kyriand.

Anno 1632. *♀* 3. Nov. 25.

Nov. 21. Stormy Wind. gr. 2.

24, 25. Windy.

26. Rain, gr. o. Kyr.  
*Anno* 1635. v 24. Aug. 5.  
 July 23. Smart rain at 11. gr. 7.  
 24. Rain and Thunder. gr. 7.  
 27. Smart Rain. gr. 5.  
 31. Smart Rain. gr. 3.  
*A* uft 3, 4. Rainy, gr. o.  
 8. Smart Rain, gr. 2.  
 11. Rain and Thunder, gr. 3.  
 14. Thunder and Rain, gr. 5.  
 18. Tempest, gr. 8. Kyr.  
*Anno* 1637. § 9. June 23.  
 June 7, 8. Smart Rain, gr. 9.  
 15. & 18. Thunder, Smart Rain,  
 gr. 4.  
 21. Thunder, Rain, gr. 10.  
 23. Storm.  
 24. Great Rain, gr. o.  
 25, 26, 27. Much Rain, gr. 2.  
 July 2. Much Rain, gr. 5.  
 4. Stormy, wet. gr. 6.  
 9. Much Rain, Kyr. gr. 10.  
*Anno* 1639. II 22. May 11. cum §.  
 A May 1. ad 10. Great Rain, gr. 10.  
 &c.  
 16. & 18. Snow and Rain. Kyriand.  
 gr. 3.  
 May 12. Tempest, continues 5 days.  
*Olearius*, gr. 5.  
*Anno* 1641. II 18. April 12.  
 March 31. Much Rain, gr. 6.  
 April 6. Wind, much Snow, gr. 4.  
 April 10. Stormy.  
 12. Stormy. The young Prince  
 of Orange in danger, gr. 11.  
 24. Rain and Thunder all Night,  
 gr. 3.  
 May 2. Snow, stormy Winds, gr. 5.  
 3. Stormy, Kyr.  
*Iterum*, § 25. June 10.  
 May 27, 28. Rain, &c. gr. 6.  
 30, 31. Wind and Rain, gr. 5.  
 June 1. Rain. 4. Storm, gr. 5.  
 7. and 10. Smart Rain, gr. 2.  
 12. Wind, much Rain, gr. 1.  
 19. Great Rain gr. 8.  
*Anno* 1664. m 6. Octob. 26.  
 Oct. 17. Tempest, gr. 5.  
 22, 23. Much Rain, gr. 3.  
 27. Much Rain, gr. o.  
 Nov. 8. and 9. Snow, Kyriander. gr. 7.  
*Anno* 1645. = 12. Sept. 6. and = 20.  
 Sept. 12.  
 Aug. 26. Great Rain. gr. 10.  
 29. Great Thunder and Rain, gr. 8.

Sept. 1. Rainy, gr. 6.  
 18. Much Rain, gr. 3.  
 19. Stormy Rain.  
 20. Much Snow, gr. 4.  
 22. Much Rain, Storm, Winds,  
 Kyriand.  
*Anno* 1647. Nov. 11.  
 Die 11. Dark and Tempestuous  
 Night, when K. Charles I. escaped  
 from Hampton Court, gr. 10.  
*Anno* 1650. April 11.  
 Die 29. Formidable Thunder and  
 Rain near Leicester, Wilsford. M. S.  
 gr. 9.  
*Anno* 1652. v 11. Febr. 26. intra gr.  
 10. diff.  
 Febr. 6. Very High Winds, some  
 Rain at Night. S W. gr. 9.  
 7. Much Wind and Rain. So at  
 Night, gr. 9.  
 10. Rainy Night. W. 11. Rainy  
 gr. 8.  
 12. Abundance of Rain, High  
 Wind, S E. gr. 6.  
 16. Rainy. 21. Rain and Snow S.  
 gr. 4.  
 \*\*\*  
 March 10. Windy, Rainy, Rainbows,  
 gr. 7.  
 High Winds, S W.  
 11. Rainy, wind: N W. gr. 7.  
 12. High wind, Storm of Hail at  
 11 of the Clock.  
*Anno* 1654. v 7. Jan 29. & March  
 3: & 15.  
 Jan. 21. Rainy, wind. N E. gr. 4.  
 Febr. 21. Rainy n. some Thunder,  
 H. Wind. W. gr. 5.  
 24. Rainy toward Night. N. gr. 5.  
 Febr. 25. Very High Winds, Rain  
 and Hail impetuous, gr. 5.  
 March 3. Showry Night. N E. gr. 6.  
 13. Rainy most part. S W. gr. 3.  
 23. High Wind, Snow and Hail.  
 N W. gr. 2.  
 27. High Wind, store of Rain, N.  
 gr. 3.  
 28. Very High Wind. N E. gr. 9.  
 29. Rainy Night.  
 30. High Winds. gr. 5.  
 April 3. Showrs of Rain and Hail,  
 gr. 9.  
*Iterum*, m 23. Octob. 5.  
 Sept. 24. Some Fits of Wet. S W. gr. 7.  
 Octob. 11. Windy, wet. gr. 4.  
 An.

Anno 1656. m 8. Aug. 24.

Aug. 10. Dalles of Rain 9 m. & 2 p. gr. 8.

12. Rain hard.

13. Store of Wet, gr. 7.

15. Rainy 1 m. wind, S W. gr. 6.

17. Rain pouring a 3 m. *die toto*, gr. 4.

Sept. 4. Wind, shows *circa* o. N E. gr. 7.

8. Store of Rain toward London, N E. gr. 9.

9. Flash of Lightning, gr. 10.

Anno 1658. 24. July 18.

July 1. High Winds *die toto*, gr. 7.

July 17. Winds and showry, gr. 2.

Anno 1660. 24. June 14.

May 30. Wet; hard showr 4 m. gr. 7.

31. Coasting Showrs 11 m. Storms of Hail. gr. 7.

June 2. Stormy Wind and Wet m.p. gr. 5.

6. Storms, Hail, great Rain, windy, gr. 3.

\*\*\*

23. Wet 5 *ad* 10 p. Wly. gr. 4.

24. Storm of Rain a.m. N E. gr. 4.

25. Wet o. & p. m. Nly. gr. 4.

26. Wind and wet m. p. Wly. gr. 5.

July 3. Wetting *per diem tot.* fo at Night, N W. gr. 6.

6. High Wind; wet *sub* ☉ *ort.* S W. gr. 8.

Anno 1661. 22. Feb. 24.

Febr. 13. Blustering Winds, gr. 5.

14. Storms of Hail and Rain. gr. 5.

\*\*\*

March 3. Storms violent, gr. 3.

4. Frequent Storms. S W.

5. Windy, Rainy, gr. 4.

6. Hard Rain, violent Storms of Hail at Noon, gr. 4.

8. Rainy, Storm of Hail, W. gr. 5.

9. Violent storm of Hail, gr. 5.

13. Hard Rain for 3 Hours, S E.

gr. 7.

15. Rain hard, blustering Night, S W. gr. 8.

18. Rain very much a 2 m. *ad* 5. S. gr. 9.

Anno 1663. 28. Jan. 12.

Jan 3. Rain 7 p. 8 p. S W.

\*\*\*

Jan. 17. Rain 8 p. & c. most part of Night, S W. gr. 3.

28. Snow a. m. and Hail, gr. 7.

29. & 30. Some Snow, gr. 8.

Anno 1664. 28. Nov. 27.

Nov. 9. Winds, wet later half of day, gr. 9. S.

13. Terrible Tempest of Wind, Rain, Hail 3 m. S W. gr. 7.

18. Gentle Rain 6 p. & c. gr. 5. S E.

21. Rain apace a 9 m. gr. 3. S. S E.

Dec. 3. Flakes of Snow 1 p. Hail 3 p. gr. 2.

5. Gentle Rain 7 p. & c. gr. 4.

7 & 8. Much Wet, gr. 5.

9. Rains sadly 8 p. Much Rain as hath been known, gr. 6.

12. Rain sadly a 5 p. *ad* Midnight, & c. gr. 7.

Lundy Island. 13. Lightning, harmful in a Ship thereby, gr. 8.

Anno 1665. 26. July 17. ♀ Stat & 29. Aug. 29.

July 5. Showry at 8 Southing, till Noon; High Winds, gr. 10.

6. Coasting Showr 7 p. Storm 8 p. gr. 9.

8. Showr 3 p. hard 9 p. gr. 7.

9. High Winds morning, gr. 6.

\*\*\*

23. Showring 4 p. gr. 3.

24. Showring 9 m. coasting p. m. High Wind, gr. 2.

25. Coasting Showrs, gr. 3.

26. Windy, Showrs ☉ *occ.* gr. 4.

29. Rain before day, fo 10 m. gr. 4.

31. High Wind, gr. 5.

Aug. 1. High Wind, gr. 5.

3. Very high wind, gr. 5.

5. Wet afternoon, very wet midnight, gr. 4.

6. Wet 8 p. at midnight, gr. 5.

12. High Wind, coasting Showrs, gr. 4.

13. Furious Tempests of Wind and Rain, gr. 4.

16. Showr 8 p. gr. 3.

\*\*\*

Sept. 5. Rain 1 p. 6 p. 8 p. gr. 2.

6. Showring a b 11 m. by fits, *ad* 5 p. gr. 3.

9. Dalhing 4 p. gr. 4.

Q q q



10. High Winds. wet a. m. m. p.  
dash 4 p. gr. 4.  
17. Stormy rain *ante* ☉ *ort.* gr. 8.  
18. High Winds gr. 8.  
*Anno 1666.* ☿ o. Oct. 27.  
Oct. 7. Showring 2 p. ☉ *occ.* gr. 8.  
10. Dash 11 m. S.  
11. Rain most part of Night, gr. 6.  
13. Showring ☉ *occ.* stormy, gr. 5.  
14. Rain *d med.* Noct. gr. 5.  
15. Rain *d med. noct.* ad o. gr. 5.  
16. Rain *die toto*, gr. 5.  
17. Winds blow hard all Night, gr. 4.  
19, 20. Rain *ante* ☉ *ort.* gr. 3.  
21. Rain m. p. *ante merid.* gr. 2.  
\*\*\*  
Nov. 3. High wind.  
4 High winds *noct.* tot. gr. 2.  
5. Rain *ante luc.* gr. 3.  
7. Dash 2 p. 7 p. SW. gr. 5.  
8. Rain *ante luc.* gr. 4.  
22. Very Tempestuous, gr. 7.  
23. Tempest a ☉ *ort.* gr. 7.  
24. Tempestuous winds, gr. 8.  
25. Much rain *ante luc.* gr. 8.  
29. Hurricane, gr. 9.  
30. Storm of Rain, gr. 9.  
Dec. 5. Much wet, gr. 10.  
*Anno 1667.* ☿ 28. Jan. 10.  
Dec. 8. *anni praeced.* (1666.) High winds, gr. 10.  
P. M. Rain 1 p.  
9. Rain *ante luc.* High Winds, gr. 10.  
12, 14. High Winds, gr. 10.  
16. Snow m. and 1 p. gr. 10.  
18. Rain and Snow, gr. 10.  
20. Frost, Snow p. m. gr. 9.  
24. Snow 4 p. 10 p. gr. 9.  
29. Rainy, gr. 7.  
30. Snow and rain.  
Jan. 4. (1667.) High Winds, gr. 4.  
5. Snow. A Dash, gr. 4.  
6. Snow at ☉ rise, gr. 3.  
\*\*\*  
18. Very windy, cold, gr. 8.  
19. Rainy, a. m. gr. 9.  
*Iterum*, ☿ 28. Aug. 6.  
July 27. Welcom rain m. p. after a great Drought, gr. 5.  
21. Dropping m. p. gr. 5.  
29. Rain before day, gr. 4.  
Aug. 13. Storm of Wind and wet, gr. 4.  
14. Very windy, wetting, gr. 4.  
20. Stormy wind, ☉ South 10 p. gr. 9.  
21. Showring, stormy wind all night, gr. 9.  
*Anno 1669.* ☿ 12. June 23.  
June 7. Windy, rainy 9 m. gr. 10.  
10. Sudden Showrs, gr. 7.  
11. Wind, Showr 11 m. gr. 7.  
17. Showrs *ante luc.* & p. m. gr. 4.  
\*\*\*  
July 2. Wetting a 7 m. ad 10 m. gr. 5.  
3. Great Storms of Rain gr. 4.  
10. Great Drought; so in France, gr. 10.  
*Anno 1671.* ☿ 27. May 12.  
April 30. Sad rainy m. Hail, High Wind, gr. 7.  
May 1. Rain at midnight, gr. 6.  
3. Dash, *hor* 10 p. gr. 5.  
4. Dash and Showr 4 p. gr. 4.  
5. Dash 9 m. gr. 4.  
\*\*\*  
20, 21. Much rain  
21. Hail, gr. 4.  
23. Great dash, gr. 6.  
24. Rain coasting, gr. 7.  
25. Rain at night, gr. 7.  
27. Showr a. m. & p. m. gr. 9.  
30. Rain at o. and 1 p. gr. 10.  
*Anno 1673.* ☿ 27. April 23.  
March 27. Rain 10 m. and p. m. gr. 9.  
29. High Wind, Rain, Hail, gr. 8.  
30. Wet m. p. Snow m. blustering, gr. 8.  
31. Rain and High Wind, gr. 8.  
April 1. Showrs by fits; Hail, gr. 7.  
3. High Wind, and Snow, *die tot.* gr. 7.  
4. Storm of Hail at o. gr. 6.  
5. Snows hard m. & o. gr. 6.  
8. Hail at o. and showr 1 p. gr. 5.  
14. Showring m. p. gr. 2.  
\*\*\*  
May 27. Rain 4 m. & 6 m. gr. o.  
29. Coasting showrs p. m. gr. 4.  
*Iterum*, m 25. Dec. 3.  
Nov. 19, 20. Rain m. p. gr. 10.  
22. High Winds and Wet, gr. 8.  
24. The Tyde, gr. 14 gr. 7.  
25, 26. Wetting m. p. gr. 6.  
Dec. 3. Showrs, gr. 3.  
\*\*\*  
14. Wet m. p. gr. 3.

16. Tempest o. Wind with Rain 10 p. gr. 4.  
 19. Stormy Wind and Rain 8 p. gr. 6.  
 20. Tempestuous Wind 1 m. gr. 3.  
*Anno 1675. m 10. Octob. 27.*  
*Oct. 21. Rain m. Showr 4 p. gr. 3.*  
 22. Rain *med. noct.* and morning, gr. 3.  
 \*\*\*  
*Nov. 3. Rain 6 m. and 5 p. gr. 4.*  
 4. High Winds and Rain 6 m. gr. 4.  
 9. Rain 5 p. 8 p. gr. 8.  
*Anno 1677. = 23, Sept. 13.*  
*Aug. 27. High Winds, often dash, gr. 10.*  
 30. Stormy day, Rain by fits m. p. gr. 8.  
 31. High Winds *noct. tot.* gr. 8.  
*Sept. 4. Soultury day, by all confession, gr. 5.*  
 9. High Winds a. m. gr. 3.  
 \*\*\*  
 21. Showring, gr. 4.  
 23. Rain 3 m. 26. Rain 4 m. gr. 6.  
 28. Good Showr 5 m. gr. 8.  
 29. Gusty, some Rain, gr. 9.  
 30. Showring a. m. gr. 9.  
*Anno 1678. v 22. May 4.*  
*April 25. Showring ante luc. 5 m. 7 m. gr. 10. Winds rise.*  
 27. Rain all the afternoon, gr. 8.  
 28. Stormy wind, gr. 7.  
 29. Rain, Hail, high Winds, gr. 6.  
 30. Rain 6 p. wet night, gr. 5.  
*May 1. Rainy and Winds m. p. sad maying, gr. 5.*  
 Rain hard *ante 11 p.*  
 2. Rain 9 m. coasting, gr. 4.  
 \*\*\*  
 16. Blite at *Foresthill*, gr. 3.  
 17. Meteors 10 p. gr. 2.  
 18. Meteors, gr. 3.  
 22. Rain in the South 1 p. 3 p. gr. 3.  
 23. Rainy n. ad 8 m. 10 m. ♂ ♀ South, gr. 4.  
 24. Some Rain and Gusts 9 p. gr. 5.  
 25. Rain a. m. dash p. m. gr. 3.  
 26. Rain hard a. o. ad 3 p. gr. 4.  
 27. Blite, gr. 4.  
 29. Showre, hottish, Thunder, gr. 3.
- June 1. Showry, gr. 4.*  
 6. Rainy ab o. ad 6 p. gr. 3.  
 8. Rain.  
 9. Dash p. m. 11. Rain, gr. 3.  
 13. Rain a 3 p. ad 9 p. gr. 2.  
 28. At *Bloise in France* a Church beat down with Lightning; Hail as big as the Fist. *Gazet, 313.*  
*Iterum, June 19. & 22.*  
 \*\*\*  
*June 30. Showrs ante 4 p. gr. 3.*  
*July 1. Dash 4 m. gr. 3.*  
 5. *Galaxie* near the bow of 2 shows as if it were a palish Fire, gr. 4.  
 19. Rain midnight, so 6 m. serious rain from 5 to 9. gr. 10.  
 20. Showrs; Dashes ante 3 p. gr. 15.  
*Anno 1679. = 17. Aug. 15.*  
*July 24. Rain ante luc. ad 5. gr. 10.*  
 25. Rain 8 p. gr. 10.  
 26. Rain ante ☉ ort. showring a. m. gr. 9.  
 27. Rain a. m.  
 30. Rain ante 2 p. gr. 9.  
*August 2. High Winds, gr. 6.*  
 3. Dashes of Rain with Thunder, gr. 5.  
 4. Great Dash, circa 3 p. gr. 5.  
 6. Rain, Storms of Rain, gr. 4.  
 \*\*\*  
 27. Showring, Storm of Rain gr. 5.  
 28. Rain ante luc. & m. p. High Wind a. m. gr. 5.  
 29. Rain die tot. Hurricane in several parts of the Empire, blowing down Houses, and Men up into the Air, &c. *vide Gazet, gr. 4.*  
*Sep. 2. Rain. 4 Rain. 5. Rain. gr. 7.*  
 6. Rain hard die toto, gr. 7.  
 9. Rain ante ☉ ort. gr. 7.  
 13. High Wind, great Showr 3 p. gr. 8.  
 15. Rain morn 11 m. and ante 7 p. gr. 9.  
*Iterum, 27. Octob. 25 ♀ Stat.*  
*Oct. 3. Rain 6 p. gr. 10.*  
 4. A dash 11 m. ♀ ort. 3 p. 3 ort. Rain o. gr. 10.  
 5. Rain hard, gr. 10.  
 6. Rain ante luc. 8 m. 10 m. 3 p. gr. 9.  
 8. Very High Wind, gr. 9.

10. Rainy n. a 2 m. ad 8 m. Tide, gr. 16. *Mustipatan* in the *East Indies* plus *parte submergée*. 1500 drown'd. *French Gazet*, July 30. 1680.
11. H. Winds, Rain, Great Clouds, as within the memory of Man, at *Hockly* by *Clerkenwell*, *Lincolnshire*, *Hereford*, *Bridgewater*, *Wells*pool, *Gazet*, 1451. gr. 9.
12. Rain. 14. Rain. 15. Rain, gr. 8.
16. Rain hard a 5. ad 9. &c. gr. 6.
17. Rain, *feré die tot.* gr. 5.
18. Rain. 19. Rain 4 p. 21. Rain, gr. 5.
22. Very High Winds; 3 Tides to day, gr. 3.
19. News of much harm by the Clouds; several Houses, Coaches, Waggon, and Passengers lost. *Domesst. Intell. Num.* 31. gr. 5.
22. Tide Ran all one way, and yet the Water rose. \*\*\*
29. High Winds.
31. Very High Wind, Rain morning, gr. 3.
- Nov. 2. Rain, gr. 8.
3. Coughs complained of, gr. 9.
- Anno 1680. 21. May 27. 1680.
6. Showr, with Thunder at 3 m. gr. 0.
7. Dark at 6 p. gr. 10.
8. Rain *ante lucem*, gr. 9.
12. Rain *ante m.* & 10 p.
13. Cool Winds, Rain at 8 m. gr. 6.
16. Rain very hard *die tot.* gr. 8.
18. Storm of Rain, Thunder and Hail, bigger than Pigeons Eggs, gr. 4.
19. Rain *circa* 3 p ad 10. p. gr. 4.
20. Rain *ante lucem* 3 *Iris*, gr. 3. \*\*\*
- June 1. High Winds, gr. 3.
4. Rain 4 m. ad 10 m. gr. 4.
7. Coasting shows, gr. 6.
10. Great Hail near *Doway*, gr. 7.
11. High Wind.
12. Dash 4 p. 13. Rain, gr. 7.
- Anno 1682. 4. April 13.
- March 22. Stormy Winds, much Snow. gr. 10.
- Tides at *London Bridge* twice in 12 Hours; flowed 7 hours a 2 p.
23. High Winds *noct. tot.* at *Harwich* very tempestuous, gr. 10.
24. High Winds rise 9 p. gr. 10.
25. High Winds, cold showr 10 m. gr. 10.
27. Rain *ante* 8 m. 2 p. gr. 8.
28. High Winds, Scuds of Rain, gr. 8.
30. Hail 11 m. High Winds, Shows, gr. 6.
- Die 28. Very Tempestuous, at *Plymouth* Ships suffered greatly in the rigging.
- April 2. High Winds, gr. 6.
4. Some Rain at 8 m. gr. 4. \*\*\*
20. Rainy. 21. Shows, gr. 3.
22. Rain. 23. Shows, gr. 5.
24. Rain hard, *ante* 11 p. gr. 5.
25. Wetting most part, greivous Rain 9 p. gr. 7.
26. High Winds and Shows, gr. 7.
27. Some Rain. 28. Showr m. p. gr. 7.
29. Rain. 30. Rainy a 2 p. ad 11 p. gr. 8.
- May 1. Rain, High Winds, gr. 9.
2. Rain a ☉ *occ* ad 11 p. gr. 9.
3. Showring at 2 p. gr. 10.
4. Rainy, gr. 9.
- About this day in *Berkshire* Hurricane tore up Trees by their Roots, &c. *Curt. Intelligence*, 153.

§ 21. No less Evidence than this will serve to establish our Principle; and I wish it may. Those who have no need of it, I hope, will not count it a Burden: Our *Marine* Evidence will be acceptable too, to our *Studious Navigator*; to whom, while I wish well, I reckon I do right to my Country: It concerns him, at least, to know there are Storms and Tempests, and Shipwrack appearing in all its dismal Shapes and Denominations of Whirlwinds, Hurricanes, Borasques, Tornado, Tuffon, whatsoever the *Portuguez*, or any other of our *English* have smarted under. Effects of Nature so intollerable, (to speak with a fellow-feeling of Humane misery) that a Man would be glad to know (though it were but the pretended cause)

of



of such Extremity. Remembring that while we speak of *Tuffons*, Whirlwinds, we have to do with Miseries incredible, which weigh more Grains Heavier, than some other, even intolerable accidents. And how frequent these are at Sea, none knows so well as they that feel them; of which the 1000 part appears not in publick. And therefore what *Hiatus* soever is found in our Table, must be imputed to the Rarity, yea, and imperfection of printed Journals; whose Abstracts most commonly of the true Voiage, give not account of one Tempest in Twenty; beside, that toward the beginning of the Later Age, Navigation had not *spann'd* into *Shoales*, as afterward; the Time allotted by Divine Providence being not yet come.

§ 22. Now, whereas we have owned before-hand that ♂ and ♀ perhaps are not so ready to excite Winds and Storms, as the *Mercurial* Aspects are. I answer, There lies a general Exception in case of the *Platique* Circumstance. Two Planets shall do that at gr. 10, 12, 14, 16. distance, toward Stress and Violence of Weather, which at gr. 1. or two, they shall not be able. And the Reason I have hinted before, is Mechanical: To my surprise then I found, searching into Stormy Weather, the Distance of several Planets, at, or near 10 degrees. The first inspection I made was of Feb. 2. 1652. *High Winds*, saith the Diary, ♀ lies distant from the ☉ just gr. 10. ♂ from ♀ 11 Again, Feb. 6. Another such stormy Day, ♀ is indeed gr. 16. distant from ☉: but from ♀, ♂ is distant 9. Again, March 2d and 3d Stormy Days, ♂ is gr. 9. distant a Sole, and ♀ gr. 11. from ♂. Now, that this should happen to fall upon a ♂ ♀, I confess is casual; The rest is not. For neither thus do we make this distance an Efficient, properly so called; but a due disposition of it only. And this justifies the Burden of our Larger Table; and, as we have said, gives the Astrologer Room, enlarges His Prospect, and finds him wherewithall to take the *Altitudes* of Influence at any distance. And this holds in other excesses of Rain, Hail, Thunder, Heat in drougthy times.

§ 23. We have observed already that this consideration gives an account of the Severity, together with the Duration of a Storm: in Planets of slow Recept or Duration of a day or two indeed, this may be solved by a *Partile* Aspect; if a Week, it may be solved by an allowance of 2 degrees: As we can have Instance from the Lesser Table, so Anno 1661. there are but 3 quiet days found in 11. Anno 1680. 8 in 9. Rainy. But where 10 or more degrees take place, we can give account of a Month, or six Weeks, according as an Aspect may happen; or, as it may march its way by leasure. So Captain Smith tells us from Feb. to March 18. the *West-Indies* were stormy: Anno 1620. the Aspect happening Feb. 23. So Stow tells us, Anno 1594. It rained continually June and July; the Aspect following on July 12. And the same hand again tells us of the Month of September, Anno 1590. out of order for two contrary qualifications, Thunder and Snow, the Aspect not shewing it self till the beginning of the next Month. Yea, the same year Mr. Purchas tells us of no Fair VVeather till March; the Aspect will answer for its share, for happening on Jan. 14. the midst of the Month it may very well answer for all that Month; as many a year before, viz. 1524. happening on Febr. 15. it may answer for that also.

§ 24. But it is all one whether the Month be Stated, or Arbitrary; if it gives an account for 30 Days immediately consequent, 'Tis the same thing.

§ 25. Nay, it may so happen by accident at the Station or Regress of Planets, the Aspect may be answerable for 60 or 70 Days; at what time we shall discern a *Partile* Aspect repeated, like a Verse in Musique, whereby the Song extends its Entertainment to the Ear. So Anno 1654. the Aspect may be questioned as necessary to all the Weather that appears

on the Stage for all *Feb.* and *March*, and *An.* 1665. from *July* 5. to *Sept.* 18. In which Instances, and in so many more, they do not only stand answerable as I said, but also have wherewithall to *make good* what they are charged with, out of their own proper *Stock*, and help of Good Friends. This may be seen by our two Tables when united; if we supply *Asterisques* of the Larger, with the Notes of the smaller Table. For we were unwilling in different places to repeat the same Diary: And no wonder can this be to those who shall observe that even in our Left Table,  $\delta$   $\delta$   $\eta$  shall last a *Fortnight*, and all that while be found within 2 degrees distance; Nay, in *June* 1678. almost 3 Weeks. Now, least any man should think two Degrees too much to be allotted to this Aspect, as *Kepler* himself doth in his Notes on *March, An.* 1629. *Nam Conjunctio ipsa  $\delta$   $\eta$  cum ultra gradum dissideant*, saith he, *parum potest—nisi, &c.* Yet within 7 days after, when he came to give account of Thunder, day 9. which is *Feb.* 27. Old Style, he is forced to impute it to two Aspects, whereof the one is expired, and the other not yet *inchoate*, Yea Mark, I pray, to the Neighbourhood (*Vicinia*) of  $\delta$  and  $\eta$ , when  $\delta$  by his own Calculation then differs much about 2 Degrees.

§ 26. Nor is there any inconvenience that a long-lived Aspect should prejudice the many shorter which intervene; for we have everted that Objection, by admitting what help and Assistance offers its self. Neither doth one extinguish the other, no more than the Sun extinguishes the Light of a Nocturnal Meteor. It is so far from that, if we speak of Extinguishing, that it helps to kindle it. One Aspect, like one Souldiers preference, animates the other.

§ 27. Before we leave this, we must observe that although we have met with Violences before, yet we have not so many *Tuffons* before; How terrible soever they be, they are, and have been frequent abroad, Familiar even in the *Holy* Story, and *St. Paul's* Voyage: Thrice we have the Word which the *East* Countrys have preserved to us, *τὸ φῶς*: surely (what the Mariner calls a *Devil*) there is a *Divinity* in them. To hurry a great Ship downright in a Dismal *Gyre*, down into the deep; a Ship perhaps, whose Neighbour not far off, is in a *Calm*? Who will not see a Planet? Yea, more than a Planet; surely *God* speak not to *Job*, but he speaks to us all, in a *Whirlwind*, and teacheth us to admire him in his his Armies Celestial, whilst we trembling adore the Maker, seeing Winds and Storms fulfill but his Word.

§ 28. As to our Glutts of Rain and their Consequences, the Flouds, they speak violence enough for a Martial Aspect, and so doth Hail, as seldom as it appears, it denotes an unquiet Constitution, a violence in its very make. *Snow* is a pacifique Emblem, it makes no Noise; *Hail* Rattles and Destroys; *Snow*, can but bury us, but *Hail* may kill. If a great Drop argues a violent Cause, Hail doth the same. This Cause Efficient is  $\delta$  amongst the rest; and, if  $\eta$  have any reserve for *Cold*, rather than  $\eta$ ,  $\delta$  and  $\eta$  united are as proper as any other.

§ 29. Let us now proceed then to our Lightning and Thunder, of which occur 21.

And for this part of our Larger Table, you see it Lighten in your Faces from several Quarters.

*Anno* 1520. *June* 15. Great Rain and Thunder, *Purch.* 1027. gr. 15.

ix 6. *Sept.* 23.

*Basil*, Thunder, &c. and so on as in the Table before.

§ 30. Thunder-Months are commonly from *April* to *October*, and if you please to see the Months have their Load; view once again and you shall see, *November*, *Dec.* *Febr.* *March*, All but *January* ditcharging one piece for

for the Hour of ♂ and ♀. Nay, if it Thunder once in *Febr.* upon our pretended Aspect, you have heard prejudice it self in the Learned *Kepler* confess the Presence of our Planets. But 'tis not the only time, there hath bin Thunder heard in *February*, Anno 1652. *Febr.* 21. I remember two Claps: ♂ ♀ at gr. 5. distance. That I may not go so far as *Cape Vincent*, where *Feb.* 17. 1558. it Lightned and Thundred all Night, ♂ and ♀ at gr. 14. Distance.

§ 31. We have distinguished, in the Entrance of this Work, of Blite or Blasting, One proceeding from Cold, the Other from Heat: Want of Rural Opportunities make us not so ready for the difference. But the Later kind from Heat, may be referred to Lightning; for the Word seems to come from the *German* *Wiltz*, which signifies Lightning. And our Instance I find communicated from the Country. But 'tis but once, and therefore may belong to some other Aspect.

§ 32. One particular I must speak to observable in the Degrees of distance, and that seems a strange one: that in this Head of Lightning the Number VII. seems remarkable, when at such Distance it seems to lighten more, than at others. (We take notice of all things that may minister Wonder, or upbraid our Ignorance.)

§ 33. For Comets the more I enquire, I find no Planets forge more than ☉ and ♀, ♂ therefore and ☿ must in proportion do the like; yet ♂ and ♀ stand not off, but sometimes produce, otherwhile prolong the Productions of others. We will present the Instances of both.

§ 34. Anno 1511. Comet in *Egypt* and *Arabia*, voic'd for Terrible, in ♄; from May 3. ad July 3. *Hewelius*, ♂ ♂ ♀ 6.

Anno 1590. Comet from *Febr.* 13. ad *Mart.* 6: *Linschoten*. Purch. 1675. ♂ ♂ ♀, ✕ 2. Jan. 17.

Anno 1664. Comet noted by *Hewelius*, Dec. 4. but seen in the *East-Indies* 9 days before, as a Worthy Sea-Captain, then at Sea, hath noted in his Diary: ♂ ♂ ♀ gr. 1. even upon the Partile ♂.

§ 34. As to which Comets I say, that they accord to our Doctrine premised, the First, that of Anno 1511. ♂ ☉ ♀ preceding, by its Warmth hatch'd it in *April*, and it was in good time disclosed by our Aspect of ♂ ♀ about May 5. which also helped, the Days before, to its Production.

For the 2d. of 1590. from *Febr.* 13. &c. I say here, that this Comet was conceived by ♂ ♂ ♀, preceding all the way, and brought to Light by ♂ ☉ ♀, &c. Howbeit, our Aspect stood longer by it than ♂ ☉ ♀.

To the 3d. I say nothing can be plainer, for the Comet appeared in a Square to ♂ ♀, and in the same parallel, viz. upon the *Tropique* Circle, the one in ♄ 8, the other in ♄ 8, on the Day of its Birth. At least let this be remembred.

§ 35. This for the Production: Now for the Continuation of the Comet.

Anno 1532. a Sept. 23. ad Nov. 10. Comet. ♂ ♂ ♀, ♄ 24. *October* 14. so if began by ☉ ♂, you see it is maintained all *October* long, by ♂ ♀.

Anno 1577. Comet a Nov. 12. ad Jan. 10. *Gemma*. Now ♂ ♂ ♀ happens m o. Nov. 30. so it is plain our ♂ reaches the very First day of the Comets appearing with ♂ ♀ ♀, and as plain it is, that it convoys it all along *September* to its Expiration.

Anno 1556. A Comet *March* 4. of which *Hewelius* at large, half as big as the ☾, in ♄, gr. 8. ♂ ♂ ♀ preceded about *Febr.* 19. and this Comet is owned to lye in a direct ☿ to ♂, and if to ♂, than to ♀ also; to whom in ♂ it owes its Original. To us Well-Willers nothing can be plainer, than that Comets are Flammeous, or Lucid Expirations, which are produced by the Planets. Now, as to the continuation of this Comet to *April* 23. where



where it expired in a Partile  $\delta \delta \odot$ . We own, that  $\odot \varphi$  disclosed it;  $\delta \varphi$ , and  $\odot \delta$  maintained it to the very last: but yet we cannot but observe, that on the very day of its vanishing,  $\delta$  and  $\varphi$  were sever'd a whole Signs distance, whereupon our Meteor expired. I say, whereupon: though on that very day  $\delta \odot \varphi$  were all together, by a second  $\delta$  of  $\odot \varphi$ . which confirms 'tis the Platique Aspect maintains the Celestial Production: Such being the Relation of  $\odot$  to  $\delta$  throughout the Month of April, to the day of Expiration. And Secondly it shews, that the Influence of  $\varphi$  often takes place, if within the confines of 30 degrees, as will be found by Experience, though hitherto I have been so timorous and modest, to point at but 15. or 16. degrees at farthest. Furthermore, *Anno 1661. Jan. 23. Styl. Vet.* we will not pretend that  $\delta$  and  $\varphi$  gave being to this Comet; Nay, we will allow it to  $\delta \odot$ , being then within 10 degrees. But we examine what kept this Phænomenon alive throughout the Month of February. Is not our Aspect here within 10 degrees at the beginning of the Month, the Partile  $\delta$  happening *die 24.*?

$\S$  36. But, now I speak of modesty, I fear I shall transgress, if I impudently demand not the Tayled Comets only, but the New Stars also to be results of our *Conjunction*. The New Star in the Breast of *Cygnus*, supposing that it began in *November*, yea, or *December 1660*. I do now with some security impute to the  $\delta$  of  $\delta \varphi$ , which then happened about *Nov. 23*. This the World, perhaps, may be ready to believe, when they shall consider with me, what amazing Effects are produced by the Celestial Bodies in some peculiar parts of the *Zodiac*. Nor does its large duration deter me from that Fancy, supposing it lasted to *Anno 1629*. as *Argol* will have it. For there is difference of Impression on the *Agentis* part, and difference of retentive disposition in the Starry Heaven, the *Patient*: Nor must the Great *Hévelius* tell me, That the Light of the  $\odot$  it self cannot reach to the Fixed Stars, for the contrary is as certain a Truth, as that the  $\odot$  reaches the Stars of the *Microcosme*, the Eyes of our Mortal Bodies: Now let us speak to our Earthquakes.

$\S$  37. Our First Earthquake which may be pinn'd upon our Aspect, is that of *An. 1538*. where in *September* Month all *Italy* was troubled for 15. days. *Fallopian apud Fromond*:  $\delta \varphi$  about the midst of the Month begins to come into a Platique  $\delta$ , at 12, 11, 10. gr. distance, acknowledging  $\delta \odot \varphi$ , &c.

*Anno 1552. April 20. T. M.* in *Germany* among the Mountains (*Sudetes*) *Lycostb.*  $\delta \delta \varphi$  about the 17. of *May*, & 1. our Planet about 11 gr. distance; as  $\delta$  and  $\varphi$  about the same distance.

*Anno 1554. at Lovain, April 20. Gemma Cosm. 2, 23.*  $\delta$  and  $\varphi$  about gr. 12. distant,  $\delta$  with  $\gamma$ . for she also we have heard *Fromond* confess is a Mover of the Earth, having got advantage of *Archimedes*, that great Engineer, viz. a place where she should stand.— And before this (though Earthquakes are rare, and Thunders as the Natives inform us) *die Marti. 21. & 22. hor. 4. post mer. T. M. cum mugitu & quasi clangore, Gemma, Ibid.* where  $\delta$  and  $\varphi$  were upon a Partile  $\delta$ , and  $\varphi$  but gr. 5. distant from  $\varphi$ , saving still whatsoever Causes *Gemma* hath produced, which indeed are so manifest, that he who looked into the *Ephemerides* about the middle of *March*, may read it, and save the Labour of consulting the Author.

*Anno 1570. at Ferrara, on St. Martins day, Nov. 11. Fromond.*  $\delta \odot \varphi$  about gr. 10. distance, and  $\delta \delta \varphi$  nearer.

*Anno 1571. Febr. 17. at Kinston in Hertfordshire*, noted by *Stow* and *Thuanus* too, as I remember  $\varphi \varphi$  are set at gr. 3. and  $\delta \varphi$  at gr. 8.

*Anno 1586. April 11. In Ireland* Trees and Thickets moved by the River *Bair*, *Fromond* from *Ribera*. He (who looks again) into the *Ephemeris* shall

shall read the reason; yea, though he doth not *understand* the Character; what seems to our purpose there appears  $\delta$   $\delta$   $\eta$  amongst them.

Anno 1632. at *Norimberg*, Nov. 10. On a misty warm day,  $\delta$  distant from  $\eta$  gr. 7. the entire Cause is assigned by *Kyriander* above disputed, where our Aspect is allowed its share.

Anno 1637. July, die 1. at *Tours* in *France* stormy Weather, T. M. *Kyriander* reckons it to the Station of  $\eta$ . He might have vouchsafed  $\delta$   $\odot$   $\eta$ , Nov. 23. happening on the Day, and our  $\delta$   $\delta$   $\eta$  but Seven days before; from which Term there is nothing noted in the Diary but great smart Rain, Thunder and Storms of Wind, the Harbingers of an Earthquake which take up its Quarters either there; or elsewhere, as the Train fires.

$\eta$  38. So have you a parcel of Earth-movings imputable to our Aspect, nor can any Scruple rise from hence, that our Planets Concern sometimes are at a Platique distance, and thereupon seem to have less Interest, seeing we know not but, nay it begins to appear now, I imagine that a 10, 12. gr. distance, or thereabouts are requisite to a more potent Influence, than on the Partile. Howbeit, let it be divided amongst them, and let the Platique be Equal in great Motions, at least of Air and Earth. Here I should say something to the paleness of the Solar Body, those Changes which are counted prodigious, and prove the Heavens Subject to Generation and Corruption, but we are only upon a hot Sent of this *Arcanum*; it may be we shall come to the *Evangel.* Have we not said something before also?

$\eta$  39. A Word or two about Currents, as before in the preceding Aspects, some Experience we have met with in this Quarter, and are willing to present the Reader.

Anno 1605. June 1. Mighty Current violently brought us among the Mountains of Ice. *Hall's Voyage*; *Purch.* p. 816. — June 11. Fresh gale made the Seas high by reason of a Mighty Current; which sets through the Straits. *Id.*  $\delta$   $\delta$  with  $\odot$   $\eta$ , &c.

Anno 1609. June 3. Currents held us, strong out of S W. North Lat. 58. *Hudson's 3d Voyage* to *Nova Zembla*. *Purch.* 582. gr. 12. — June 11: Current from the Northward, deceived us 10 Leagues of our account. N. Lat. 51. gr. 10. cum  $\delta$   $\odot$   $\eta$ .

Anno 1611. Oct. 10, 11, 12. a Current. *Downton's Voyage* neer *Zacotora*; cum  $\odot$   $\delta$  gr. 8. *Purch.* p. 278. — Oct. 22. Current Westward, *Id.* gr. 2. Nov. 1. Afternoon we met with a Current, C. *Guarda de Fuy*, gr. 3. cum  $\odot$   $\eta$ . 5. Current put us short 60 Leagues: *Purch.* 280. gr. 5. cum  $\delta$   $\eta$  and  $\eta$ .

An. 1662. Dec. 29. Great Current to the Southward: C. *Limbery's Diary*, N. Lat' 36. gr. 7. cum  $\odot$   $\delta$ .

Anno 1663. Jan. 9. Hindrance by a Current, N. Lat' 28. gr' 1. cum  $\delta$   $\odot$ . die 14. Hindrance by a Current, N. Lat' 21. *Id.*  $\odot$  being near the Zenith. 18. Hindrance by a Current, gr. 3. cum  $\delta$   $\eta$ .

Anno 1665. July 18, 19. Help of a Strong Current, Lat' S. 22. near the Tropique, gr. 1.  $\eta$  Stationary. — Aug' 11. Great Current to the Southward, Lat' 37. Southward, 12. 13, 15 Currents. — 17. A Current deceived us by 73 Miles, Lat' 37. Southward. — 23. A Current deceived us 109. Miles, since Aug. 18.  $\delta$   $\eta$  gr. 2. — 24. A Current. 25. Current of 18 Miles. — 26. Current of 34 Miles. 27. Current set West by North; South Lat' 34. — Sept. 1, 2, 3, 4, 5 Currents. These are Currents with a Witness.

$\eta$  40. Mr. *Fournier* in a particular Chapter concerning those Currents, enquiring into the Cause, tells us, it is a very hard thing to assign it. And as others before him, refers it to the  $\eta$ . This we get by discarding Astrology, and the Influence of the other V. and yet stand dayly in need of them.

them ! I do not commend these Disputants, who when they could not find out an *Ætherial Cause* for some wondrous Effects in our visible Heaven, refer'd them to the *Empyrum*. But I confess, I wonder that the Learned thought it bootless to overlook the Visible part of Heaven, the Planets and their Configurations. Men shall never give an account of these Great Questions if they deny our Influences, no more than they can of the Magnet, denying it efflux, the Question is so gravelling. And I hope *Copernican's* will not undertake it, supposing the Motion of the Earth could give account of the Flux and Reflux : Which Mr. *Fournier* hath shewn, is not done yet by *Galileo*. There is no meddling with the Solution of this Phenomenon by such a Principle. The Currents are not Uniform, nor perpetual, as I am informed by my knowing Friends ; and I am glad on't : Glad of any occasion to make men enquire into a True, though disgraced Principle ; The Motion of a Trough cannot make the Water boyl and swell in the Free Ocean. The  $\rightarrow$  answers to all the variety of the Tide, and the Planets to all the Variety of the Current. — How comes there a great Current, Dec. 21. 1662. ? I will point you First to  $\delta$  ♀, but 7 gr. distance ; to  $\odot$  and  $\delta$  but 1 gr. distant. I will point to  $\rightarrow$  entering upon its Change, her meeting with the Sun, yea and  $\delta$  also. The  $\rightarrow$  will be allowed us ; especially, if a New  $\rightarrow$ . But why then a Strong Current, Aug. 23. 1665. ? Will a Square of  $\rightarrow$  do it alone ? No,  $\delta$  ♀ within 2 degrees. We have noted the Causes in the Diary all along,  $\odot$  ♀ ♀. —  $\odot$  in the *Zenith*, ♀ *Stationary*.

§ 41. And Let me note here some Diversity of the Platique and Partile Aspect, here it may be the Later conduces most forcible to this Effect, when as the former may contribute to the Change of the Air ; I mean those which are accompanied with Turbulency ; because such State of Air is more universal and unconfin'd, then a Current seems to be. — The one is ty'd to a certain Elevation, the other may reach from one Pole unto the other. But I define nothing.

§ 42. We are to treat next of Flouds, whose *Prediction*, if it may be reached, is a matter of *moment* to the Publique : He that makes inquest into the Cause, may consider, that they do not all arise on the same Spring ; some are Subitaneous, the Product of 24 Hours (or a less matter) others rise by degrees, and Steal upon the Land they invade, by additional Portions : And some I may call *mixed*, such, whose appearance is sudden, and yet were gradual in their production : I mean those which upon a sudden Thaw of much Snow successively fallen on the Days precedent, render a large quantity at once in Water. In this case the Enquirer is not to consider the precise day of the *Overflow*, but to look back some Weeks, more or less, that he may, if he can determine, or at least take in the Time in which it fell. Beside that some Flouds are caused (they say) in maritime Countreyes by the Swelling of the Sea, and by tempestuous Winds, driving the rarified Brine over its Banks. — Such were those of Oct. 14. 1579. &c.

— Surely in that of 1608. there are no gluts of Rain mentioned by *Cambden* : — And our Wonder may be confirmed when as we shall meet with Flouds, which are said to have happened *without any apparent Cause* ; as if Overflows were to be distinguished, some whereof *had*, some again *had no Cause apparent*. But the distinction must on no hand pass ; for having made some Diligent search into all that I could read of, 100. in number ; I found that they all admirably agree with the same Celestial Cause, with very little variety of the Species, from whence I am ascertain'd there is seldom an apparent Floud without an apparent Rain somewhere, though not a drop falls perhaps in our Division ; for who knows not, there are *Topical Rains*



Rains as well as Winds, which will descend *Secundo Flumine*, and betray the Injury which was first done in a distant place.

§ 43. I have met with Flouds accompanying Earthquakes, and subterraneous Streams issuing from an *Hiatus* of a *convulsive* Mountain: But I am not obliged to speak to those German or Indian Rarities. When Seas may be sucked up in a *Subterranean*, as well as an *Aerial Spout*; or when a River may be expell'd his Channel by the Ruine of a Neighbour Mountain we will allow no Rain in the case; For howbeit, that Cause which make an Earthquake, we have found is apt to make a Storm, where the place and the Clime is capable, for the most part: Yet the more ordinary Floods, whether of the Sea, or of the River, especially the River, is never produced without its Proportion of Rain, though the Sea perhaps may rise and even visit its interior Shore when no *Land-floods* may increase it: Mariners say (and truly) that it swells against every Storm; and therefore all the Time throughout the Tempest: Yea, the *Thames* doth not seldom (I believe) shew us such *exuberant* Tides, where the fall of *Moisture* hath bin *sparing*, or none at all; You will say at the New ☾, or at the Full. Right, These Aspects raise the Waters, by impregnation; but not only these, but other Aspects also with them, or without them, (since Floods do not always happen at those more frequent Lunar Revolutions) have a like Influence with the ☉ and ☽ (as we have said already of ☿) which doth ferment, *rarifie*, and raise the Waters to an Exundancy. Notwithstanding most commonly there is some fall of Rain, and more perhaps than comes under notice at, or about this *Ebullition* of the Sea or River; I mean those Rivers which by participation from the Ocean partake of *Flux* and *Reflux*; One of these Causes is our present Aspect; for its quantity of Rain you have heard; and for its *tumefying* Influence, you may think fit to grant it, because *tumefaction* is inseparable from a troubled Sea, whether by dry winds or Moist, 'tis all a case.

§ 44. Now, whereas *Eichstad* hath given away this Influence from our Present Aspect to ☿ ☿. I have made the more careful search, and the result is, according to the Antient Astrologers, that ☿ ☿ have the Preeminence; and well they may, in all those Floods especially, which grow upon us by degrees, the Continuance of our Planets Aspected, being of a greater date than the other, will be more responsible to the Gradual Increase of the Waters.

§ 45. That we may put our Hand toward the deciding of this little Controversie, we will first produce our Testimony for ☿ ☿, and we confess readily that ☿ ☿ are *Sea-swelling* Aspects, so far, that Floods, as *Eichstad* hath begun, ought to be reckoned amongst their Influence.——For, First we have the Memorable Flood——

1. Anno 1530. Octob. 8. At Holland, yea, and Rome also on the same day, Mizaldus and others; ☿ ☿ ☿ gr. 9. ☉ ☿ gr. 7. distant.
2. Anno 1532. In November: In Holland again, Mizaldus, Die 15. ☿ gr. 1.
3. Anno 1547. August 12. Cataracts and Floods in Tuscany; Thuanus, ☿ gr. 1.
4. Anno 1552. Jan. 12. In Holland Inundation incredible, Stadius, Tab. Gemma; ☿ gr. 4. ☉ ☿ gr. 1.
5. Anno 1571. Feb. 5. Inundation at Lovain, Gemma; ☿ gr. 0.
6. Anno 1594. Sept. Menſe, at Cambridge, Ware, &c. High Waters, ☿ gr. 6. Stow.
7. Anno 1643. Decemb' 3. In Thuringia, ☿ gr' 4. Kyriander.
8. Anno 1658. August 22. At Faversham High Tides, Childres, ☿ gr' 2'.
9. Anno 1660. Nov' 11. Thames overflows Westminster, Kingstreet; Transact' ☿ gr' 2.

§ 46: Enough

§ 46. Enough to denominate this *Conjunction* for a Watry Aspect; but not to award it from ♂ ♀. For here First we meet with—

1. Anno 1547. Wet and floating Months in *Tuscany*, obliging averſed Parties to a Truce. *Appetente Hyeme*; *Thuanus*, ♂ ♀ is in being, per *Octobr. tot. & max. part. Novembr.* not without ♂ ♀ some while mixed with it:

2. Anno 1565. Febr. 2. At *Lovain*, ♂ ♀ gr. 6. dist. 2 ♀ oppos.

3. Anno 1570. *Octob. 5. England.* Several Travellers lost by the Waters, &c. *Stow*, ♂ ♀ gr. 5. dist' ♂ h.

4. Anno eod. *Novemb. 1. In Holland, Calvis.* A Foot higher than that of 1530.

5. Anno 1571. In *Flanders*, ab Aug' 15. ad 23. irreparabili Glac, *Gemma*; ♂ ♀ gr' 8. dist. die 19.

6. Anno 1573. July princ. In *Holland*, &c. *Gemma*; ♂ gr' 4. ♂ ♀ gr' 11.

7. Anno 1579. *Octob' 14.* Memorable swelling of the Sea, vide *Stow*; ♂ gr' 7. ♂ ♀ gr' 1.

8. Anno 1594. June and July, Rain and Floods; *Stow*, ♂ ♀ gr' 2. July 15.

9. Anno 1596. The whole Summer Floods, *Hoves*. In the midst of June (for its part) ♂ ♀ gr' 3..

10. Anno 1602. *Octob' 17.* Streights of *Malaca*, great Spouts, &c. *Habl.* ♂ ♀ gr' 0.

11. Anno 1609. Dec' 4. In *Germany*, *Nives plurima via*, inexplicabiles, No discerning of the Rodes, so real Floods, though not in its Formalities: *Kepler apud Eichstad*; ♂ ♀ gr' 0.

12. Anno 1623. Febr' 12. & 18. *Danow* overflows: *Kepl.* ♂ ♀ gr' 8. A gain, *Mart. 17. Danub'* ♂ ♀ gr' 0.

13. Anno 1661. Febr' 21. In *Kent* High Waters, ♂ gr' 2.

14. Anno 1666. *Octoor' 14.* and 16. Rain and Floods, ♂ gr' 5.

15. Anno 1678. June 21. *Middlesex*, sudden Cataracts turned High-Ways into Seas, and Floated all Cellarage in the City; ♂ ♀ cum *Pleiad.* Lastly, Anno 1682. Much Rain, Hail and Floods throughout *England*, April, & sequent. ♂ ♀, ♂ ♂.

§ 47. We have not leave to say here All that is to be said in a Tractate of Floods, a Worthy Topique: The Truth, I hope, may be pick'd out from the scatter'd parts of this discourse. At present we are for our Clients the Aspects of ♂ ♀. And the First we see, that of ♂ ♀, is the Greatest over Floods; though oft-times they operate in sight one of another: as First, in that All-wasting Deluge of *Holland*, Anno 1570. beside, Anno 1573. and elsewhere.

§ 48. Howbeit, the precedence of our Aspect is confirmed from hence, that we find not the ♂ only, but the ♀ of ♂ ♀ to call for a Flood, as on June 13. Anno 1529. A Flood at *Basil* so memorable, that it was engraven on a Brass Monument, as *Lycostenes* witnesseth. Add that of March 29. 1606. where Shipwrack was universal, and the Seas over-topp'd the Land, as *Stow* tells us. That at *Prague* and *Auspurg* in July, mentioned in *Norimberg Diary*. A Third in *Dresden*, Anno 1642. Sept. 23. A Fourth in *Oxfordshire*, Anno 1649. Jan. 17. A Fifth, 1645. whereas at an ♂ ♂ ♀ we more rarely meet with Flood, Not that they are of a dry Influence, but because they are more Flitting and inconstant, while ♂ and ♀ abide by their Proposition.

§ 90. And, what shall I say? Must I pass the Tyde observed in our *Thames*, Nov. 23. Anno 1673. and an Higher than that, *October*, Anno 1679. in our tedious Observations? Nay, what indeed to that of *Oct. 22.* when the Tide ran all upon the *Ebb*, and yet the Water rose? What there may be of Floods in the One, or of Currents of the other, Let the Reader consider.

§ 50. The

§ 50. The Antient Astrologers have talked to this purpose long before. *Alkindus, Alhamaazar, &c.* The First, if a Third Planet (saith he) comes into  $\delta$  ♀. *Fit quasi diluvium apud Escuid. 2, 7.* The other tells us, that in the *Mamarch* of ♀ above  $\delta$ , there happen Excessive Rains, be it in what sign soever: Which I look upon no sham from the *Arab*, though I cannot sufficiently wonder why he acknowledges so little Wet, except in One Sign  $\pi$ , when *vice versa*,  $\delta$  is elevated above ♀; there is some mystery in it that I reach not; for it is contrary to our Northern Experience. But the Astrologer goes further, and demonstrates this Influence from the *Contrariety* of their *Domicils*, according to the Doctrine of *Ptolemy, Tetrab. 1. 20.* Hence  $\delta$  ♀, and  $\mu$  with ♀, and  $\eta$  with  $\odot$ , are peculiar Masters of *Aperitio Portarum*. Because ♀ possesses the Signs  $\pi$  and  $\delta$ , which are the Signs confronting the Martial Houses of  $\gamma$  and  $\mu$ . — In like manner,  $\mu$  in his Houses  $\pi$  and  $\delta$  oppose  $\pi$  and  $\mu$ , which are ♀'s Propriety. Lastly,  $\eta$  in  $\gamma$  and  $\pi$  oppose  $\odot$ , whose House 'tis plain is  $\delta$  or  $\mu$ .

§ 51. Not out of any Humour of contradicting Antiquity, whose defence I endeavour where I may, I must needs own some dissatisfaction. For I ask any man who is not passionate, (and why Truth shall not be the Interest of us all, I know not.) Whether a  $\delta$  of  $\delta$   $\odot$  is not as Efficacious as a  $\delta$   $\odot$   $\eta$ . I speak of Rain, especially if the  $\gamma$  applies to them. And whether a  $\delta$   $\odot$  ♀ is not as prone to Wind almost as a  $\delta$   $\mu$  ♀, for they understand the Port-opening to Winds, as well as Rain; to say nothing of Heat, yea, of Cold also, which last, though methinks it sounds not so well, hath obtained Yea, but I ask again, whether a  $\delta$ , or  $\phi$   $\eta$   $\delta$  shall be discarded from an *Aperitio Portarum*, to Rain or Hail, &c. or our Neighbour  $\delta$  ♀ which we shall find to be a Tearing Aspect; Nay we see always ready to open the Cataracts of Heaven, and the Great Deep. Lastly, what we think of ♀ and ♀, which is oft-time a drenching  $\delta$ , and helps to make Floods, if that be *Opening*, as old *Japhar* I see hath taught, quoted by our Countryman, *Tract. 2, dist. 4. Cap. 4.* to say no more.

§ 52. I may have leave therefore to offer to consideration whether or no this Singular Promptness and Property of these Configurations to Rain and Wind, in  $\delta$  and ♀, &c. The proclivity to Clouds and Moisture, in  $\eta$  and  $\odot$ . Winds and Storms in the Aspects of  $\mu$  ♀ may not be founded on other *Bases* in *Nature*, rather than the *Opposite* distances of their Houses? Such are the differences of their Globe, or their *Ponderosity*, as they call it, and the difference of their Qualities and *Motions*, the Disparity of their *Height*, *Elevation*: Distances from the Earth, with their several distances from the Sun, from the Fixed Stars; — Whether some or all of these do not contribute Naturally, and without *subornation*, to a diverse Effect? Seeing 'tis certain that, First, the great disposal of these in such diversity of *Site* and *Order*, was an Act of the *Divine* Wisdom, which it may be is not yet discovered thoroughly, and possibly never will be, except by such kind of Contemplation. I remember the attentive *Kepler* observed, in *May, An. 1622.* That among the VII. in that Month, there was *Ordo natus, sub Zodiaco qui altitudinem in Sphaeris*, and he adds, *Nec sine auctario effectui*; Ascribing the notable Effects of a *Thundring Month* to that rare accident. And no question our present Aspect of  $\delta$  ♀ is more potent than  $\eta$  ♀, wherefore? But because of their different Natures, yea, and Situations;  $\delta$  is warmer, and also nearer than  $\eta$ . Nearer to us is  $\delta$  ♀, and nearer to one another. So in  $\mu$  ♀, the vicinity of ♀ conduceth to Winds, as the Vicinity of the  $\gamma$  to Warmth, Moisture, &c. and the Nature of  $\mu$  contributeth to the same Effect. Vicinity to us? Yea, and Vicinity to the Sun. On which account the  $\delta$  Lunar, or  $\phi$  with ♀ is so considerable; as hath bin noted before.



§ 53. Yea, and  $h \delta - u \delta - h u$  the Superiour Aspects, what Effects they have, may be from the difference of their Globes and Fabricks, (for so our Tables make us believe) the Vicinity to one another, and their Vicinity to the Fixed too, for all I know, to speak doubtingly in a point of which I am sure. For what is it else that the Antients above-quoted do solicitously bid us mark the Eccentricity of the Epicycle of  $u h$ , the  $\delta$  being in *Perigæo*, &c. Except Experience taught them this Truth, which I now assert.

§ 54. What then? Would I have *Apertio Portarum* to be rotted? By no means.—The Terms are significant, and *smell of Art* worthy to be retained. They favour of the *Eastern Learning*: Or, if you will, the *Mosaick Astrology*, But I desire their Enlargement to other Configurations: I would not have the Word denied, where the thing appears. 'Tis Special in  $\delta \varnothing$ . It holds in  $u \varnothing$ , and it shall not be denied to  $\odot h$ , which being all of *contrary Houses*, I must needs say is a happy *congruity*, or co-incidence but brings no Demonstration, no more than the Congruities which the Copernican System boasts of, can unhinge the Earth, and set it a running.

§ 55. We close up all with the Contemplation of the *Affirmative Influence* of this Aspect on the State of our Bodies. I am sorry for it, we find Feaverish, and other *Distempers Epidemical* heartned on by this Aspect, *Anno 1667. Aug. 7.* A Sickly time noted. *Anno 1679. August 2.* Pestilent time abroad in *Germany. Anno 1680. August 27.* Pestilential in *Germany, as Prague, &c.* And though we acknowledge other more malefique Aspects, yet we cannot but observe that even this  $\delta$  hath its *malignancy*.—I cannot take delight to empale each Page of this Discourse with a *Black mourning Lig.* (Mortal that I am) much less delight I to seem to exclude a *destroying Angel* from the wasting Malady of Pestilence: Only I think God hath given us leave (sparing to himself the Awe that is due to a Revenging God) to consider what Second Causes he is pleased to use in the powring out of his Fury on us. And this I shall endeavour to do by Linking the Year, yea the Month of the Year to the time of the Aspects Influence, though in some more, in others less: acknowledging withal that in some extream Pestilences these Aspects are not found; as in those of 1593. 1625. but not those of 1603 and 1665. Note, Thirdly, that when a  $\delta \delta \varnothing$  happens twice or thrice in one year, the Greater is the Probability of some Mal-Influence; though not always, (God be thanked) raging. Lastly, that whatsoever is by these Presents imputed to  $\delta \varnothing$ , doth at no hand acquit (if within Prospect)  $\delta \varnothing$ .

§ 56. Well then, *Anno 1500.* to begin so high, we meet with Pestilence abroad, nay at home, in the beginning of the year: Though it concerns the Physitian to observe even Foreign Pestilences, because of the *Consent* of the parts of the *Universe*, too apparent to be denied here, as well as in other Cases.  $\delta$  May 29. in  $\varnothing$ , and this Pestilence of 30000 slaughter'd, began before May, as may be observed from our Chronicle; the King going then into *Flanders* to avoid it.

*Anno 1506.* Sweating Sicknes 2d time, *Stow. \delta* Oct 9. m 29.

*Anno 1511.* Pestilence, *Fracaster apud Dimerbr \delta* May 5. ii 6.

*Anno 1513.* March 26.  $\varnothing$  29. August 6.  $\delta$  20. (A double Aspect) The Pestilence at *London. Stow.*

*Anno 1515.* In October  $\delta \simeq$  21. *Morbis Epidemicus, Paradis apud Gam. 2. 32.*

*Anno 1517.* Sept. 9.  $\delta \simeq$  5. Sweating Sicknes from *Lanmas* to *Michaelmas. Stow.*

*Anno 1522.* Pestilence at *Rome, Kircher*: A Plague *ubi Aves nidos reliquerunt; Gemma* 249. (which notes the Spring time, the time of the Aspect. *Anno*

Anno 1528. Sweating Sickness, ♂ Aug. 24. ♀ 24: The Time appears by the adjournment of *Michaelmas Term*.

Anno 1541. June 19. II 27. Pestilence at *Constantinople*; *Kirsch*.

Anno 1543. Pestilence at *London*, *Stow*, ♂ in May, ♂ ♀ in June. Hot in August, or September it was. It began, probably, in May or June.

Anno 1549. *Morbis in Pannonia, quo Serpentes in H. corpore nascebantur*. Gemma 1, 100. ♂ Sept. 10. ♀ 9.

Anno 1551. ♂ Aug. 3. II 27. Sweating Sickness at *London*, and ♀ 8 Dec. 23. The Aspect repeated.

Anno 1558. May 8. ♂ II 7. Later end of April, &c. Mortality among *C. Tower's* Men; on the Coast of *Guiny*, *Habl*. Yea at *Astracan in Russia*, a colder Climate. Pestilence of 100000. *Habl*. in *Jenkins Voyage*. Note, Aspect repeated in Sept. II 9. And in City and Country here in *England*, *Quartan Agues* so rife that there wanted Labourers for Harvest, *Stow*.

Anno 1564. ♂ ♀ ♂ Sept. 30. ♀ 13. Pestilence, *Thuanus*.

Anno 1577. ♂ July 8. ♀ 10. atque iterum Nov. 30. II 10. Epidemical Distempers in *Spain*. (*Tovarilla*) Italy, Germany, &c. *Linschoten*.

Anno 1581. Sept. 10. ♀ 12. *Novus Morbus. Lanethurgensis*, *Dimerbrock* 22.

Anno 1584. May 20. ♂ 7. *Pestis furiosa*. *Quersetan*, apud *Dimerbr.* 1

Anno 1586. April 7. V 20. at *St. Domingo* in Febr. Calenture and Pestilential Fever.

Anno 1588. Febr. 21. V 1. at *Java*, on this very day Febr. 21. Complaint of Sickness from the Heat of the place, *Cavendish*.

Anno 1592. Aug. 21. II 0. Pestilence at *London*, *Michaelmas Term* kept at *Hertford*, *Craft*. *Anm. Stow*.

Anno 1594. July 12. ♀ 16. The Pestilence which Raged Anno *preced* lasted this year also, *Bell's Account* of the Bills of Mortality.

Anno 1602. *Octob.* 17. II 15. Pestilence in *Holland and Zealand*.

Anno 1603. Febr. 12. II 16. and Aug. 4. ♀ 20. Pestilence about *Land Bp. Andrews*: Sermon before the King, Aug. 20. the Aspect doubled.

Anno 1607. May 10. II 18. In princip. Junii, saith the Journal, Gusts, Rain, Calm, Sickness made us return Northward. Yea, *London*, April 30. had (though the Total was under 50.) 14. Parishes infected. *Bell's account*.

Anno 1609. June 26. ♀ 2. and again Dec. 3. II 13. Parishes infected on June 25. Ten and Twelve even on December 3. *Bell's Account*.

Anno 1613. Sept. 13. ♀ 18. *Pestis Lausannae*. *Hildanus*, apud *Dimerbr.*

Anno 1622. *Off.* 4. II 19. Pestilence at *Amsterdam*. *C. Graunt*.

Anno 1624. Aug. 23. II 3. Sickly year. *Graunt*.

Anno 1628. July 12. ♀ 20. at *Amsterdam*, *Graunt*; Yea *Kepler* tells us of the Plague at *Lantz* in the Siege time: *Mense Augusti*, ♂ ♀ 2.

Anno 1628. Sept. 2. ♀ 5. at *Amsterdam*, *Graunt*.

Anno 1630. Flux; Summer Pestilence at *London*. This belongs to ♂ and ♀, the time of whose Aspect was the Greatest Total, *Bell's Acc.*

Anno 1632. Nov. 25. ♀ 3. Sickly, *London*; *Graunt*.

Anno 1635. Aug. 5. ♀ 24. *Pestis in Germ. & Belgio*, *Graeffius*, *Dimerbr.* 13.

Anno 1637. ♀ 9. June 23. Though the Years precedent were very Pestilential, yet this year was not free. Verily June 29. brought in the Highest Total, viz. 130. Plague also at *Constantinople* and *Prague*.

Anno 1641. April 12. II 18. and June 10. ♀ 25. and Dec. 6. II 21. In April 12. Parishes infected, 3. June 10. 13. and December 3. 17.

Anno 1643. *Offob.* II 6. at *London*; at this time of *Offob.* was the Bill highest, viz. the First and Last Week which ended *Offob.* 26. *Account*.

Anno 1645. *Offob.* 12. ♀ 20. *London*. Where September 24. was the highest Total, viz. 175. Parishes infected 43.

Anno

Anno 1647. Aug. 10.  $\approx$  11. & Nov. 10. & 15. at London, where August 12. brought 209. and Nov. 2. 120.

Anno 1648. May 25. & 16. Plague in Africa, and Valentia in Spain. Kircher.

Anno 1652. Febr. 26. & 11. Plague at Cracow; and sickly time in England. C. Graunt. To give some account of this, Note that in September this Year,  $\varnothing$  was Stationary; and in October but gr. 5. distant, in  $\pi$ .

Anno 1654. Jan. 30. & 7. March 23. & 15. October 5.  $\pi$  23. at Copenhagen and our London Sickly, Graunt. The Aspect repeated.

Anno 1656. Aug. 24.  $\pi$  8. Great Pestilence at Naples, Kircher.

Anno 1658. July 13.  $\Delta$  23. and October 28.  $\approx$  28. Sickly time, Graunt.

Anno 1665. Cannot be yet forgotten. Our Aspect was repeated. July 17.  $\approx$  2. and, strait again Aug. 30.  $\Delta$  0. On July 17. the Bill brought 1000. and August 29. 6000.

All which, if I mistake not, helps to conclude the Great Question, *de Origine Pestis*; and teacheth us that it is from Heaven. The Diligent Physician at Nimeguen scruples to allow an Aspect of  $\eta$  and  $\delta$ ; but we are so unreasonable as to challenge more than that Aspect, though more Notorious than others. And we desire this our Table may be examin'd as to those particulars: First, Do not the Aspects agree with the year? (2.) Doth it not keep touch too often with the Revolutions immediately Succedent? As in 1543. 1549. 1551. 1584. 1586. 1588. &c. (3.) Doth it not agree to the Month? Nay (4.) sometimes to the Height of the Pestilential Fury? See 1637. 1641. 1643. &c. (5.) Are not the Winter Months infected also when the Aspect comes in December or January, &c.? Next, are not those years molested where the Aspect returns? Again, is it not so all the World over? No man can doubt that hath seen 1665. go over his Head, but that this Aspect, with all its Circumstances, was a sore Knot in that Celestial Whip, which here we are not engaged to consider.

§ 57. Yea, from hence we may discern, if any will please to use my Spectacles, what makes the Autumn so Sickly: What blows up the Coal for New diseases to sparkle among us: It hath bin hitherto said, 'Tis eating too much Fruit: But 'tis one thing to say, too much Fruit eaten may cause a Quartan Ague, &c. in this or that Person; and another to say, when an Epidemic Distemper reigns, Too much Fruit is the Cause! 'Tis the Season, not the Fruit of the Season is the cause. For how much Fruit doth the Ancient Person eat? Or the Labourer at Harvest! I appeal to the very Practice of the Skilful Physician, whether he find one in Ten of his Masculine aged Patients In a Sickly time, that can ascribe his Malady to Fruit immoderately eaten? For how haps it that Men eat more Fruit One year than another? The more Fruit there is, the more is eaten. True, but are all Fruitful years Sickly? We do not find it so, nor yet all Sickly Seasons Fruitful; Hippocrates teaches no such thing. He talks of the Equinoxes, and the State of the Air. Learned Men are loath to impute it to the Season, because they know not the Mystery why the Season it self is Malignant? When Hippocrates tells us, All unseasonable Weather is such. Our Table will shew in some part considerably what are all they which happen, August, September and October? Do not three parts of them fall out in those Months? And are not those Months themselves famous for Dangers upon a Celestial account? The Physician is not to Learn what the Equinoctial means; and do not every one of these Harvest Aspects happen in Harvest Signs  $\Delta$   $\pi$ ,  $\delta$   $\approx$ , or beginning of  $\pi$ ? Consult and consider, they do, and must do so. The same Causes make a Sickly Autumn, which make a Sickly Spring also, as the very Table will inform. 'Tis not with us [as in Jamaica, and other Places,







places, where Fruit hangs on the Tree all the year long; Fruit is a Rarity at sometimes of the Year, when a Quartan Ague, or the Small Poches reigning or a Pestilent Fever is not.

CHAP. VIII.  $\delta$  &  $\gamma$ .

## Conjunction of Mars and Mercury.

1. Parity of Reason. 2. Different Aspects may partake of the same Character. 3. The Aspect cannot be considered apart from  $\odot$ ,  $\gamma$ , which makes our Diary prolix, but is hoped, not nauseous. 4. The Humour of the Aspect not found, but by an enlarged Diary. 5. A Astrologer without a laxe Contemplation of an Aspect will be put to his shifts, as Kepler. No such thing as Anticipation; the Art betrayed by it. 6. Natural Effects are not Orphans. 7. Further justification of our prolix Diaries. 8, 9, 10. Communication of Planets at gr. 10. distance, to say no more. 11.  $\delta$  &  $\gamma$  Character. 12, 13.  $\gamma$  a sign of Dryth in the Antients Opinion; some tokens of that Dryth. Locusts a Sign of Dryth. 14, 15. The Aspect admits of Cold and Frost also. 16. Which made the Antients perhaps define  $\gamma$  to be of a doubtful Temper. 17, 18. In a state of Destitution, Light or Heat, which conquers not Cold, attenuates it. 19. So our North-wind is actuated by the Rayes of our Northern Asterisms. 20. The Rains and fits of Rain. 21. The Winds. 22. Harmful and pernicious. 23. Thunder reckoned. 24. Not all Comets as Cardan will have it, belong to  $\delta$  &  $\gamma$ . All the Planets contribute. Hevelius as shy as he is, his consent thereto. 25, 26, 27. Account of our Aspect's interest in some Comets. 28. Sorer Hair in Germany, then in England. 29. Account of some Earthquakes where our Aspect is concerned. 30. Great Fishes stranded note some disturbance of Nature. 31. Shoals of Fish argue the like. 32. Duration of Earthquakes may be accounted for. 33. Currents here also under this Aspect. 34. Some shifting of Tides. 35. The late Dr. Childreys opinion curious. 36. Some Reasons for our own, and our Aspect's concern. 37, 38. Conclusions on with our Malignity and Malignancy of our Aspect. 39. The Diary. 40. The reason of sudden and surprising Showrs by fits. 41. The Gentle Dissenter posed.

WE have raised the Readers expectations of this Aspect; by shewing beforehand what it can do in no mean Instance. The Truth is, the Power of this Aspect follows the Premises. For if  $\gamma$  with  $\delta$  have acted, and suitably  $\delta$  have imitated; then in case  $\gamma$  and  $\delta$  have acted,  $\delta$  and  $\gamma$  imitate. From different Aspects a different Character must not always be expected; Nature hath several Causes which produce the same Effect; and Nature hath divers Causes which produce the same Effect. The Fields were green, the Flowers blow, the Lark, and the Thrush sing their Voluntaries, saith Kepler, A. 1611. When? even in January. So that as Nature can make a Spring when the Sun is in  $\delta$ , Nature can make a Spring when the Sun is in  $\gamma$ , I mean Celestial Nature, not Quidam Crates, where our Mathematician above thinks fit to shelter Quidam Crates.



§ 3. Now, though  $\delta \varphi$  may have somewhat peculiar, as well as *Common*, yet it would be improper for us to search that out, when as yet the Common Influence is not granted us. We must shew this first, and then if ought appears of Curiosity, it will be perhaps welcom.

§ 4. I had a devise once of considering our Aspect of  $\delta \varphi$ , separate (forsooth!) from  $\delta \odot$ ,  $\delta \varphi$ , but I was forced to abandon it, because they rarely happen so, as also because a Potent Aspect's Influence may for certain be distinguished, even when mixed with Aspects of no small *Energy*. Here the equal Reader will not be offended, if he meet with the same Instance a new repeated, no more then where a Miner shall take up a piece of the same Ore to search out several Veins of Metal: So that if our Diaries be *Prolix*, upon a repeated Aspect, they may, I hope, not easily be censured, where even upon a *Second* Scrutiny, which we profess to have made, nothing can be spared. Add, that it is neither Ignoble nor unpleasant to be able to ascribe a *durable* Constitution, or State of Air, to an *Equi-durable* mover.

§ 5. Aspects of  $\delta \varphi$ , as we have seen in the precedent of  $\delta \varphi$ , are either *Single* or *redoubled*. Single, maybe in vogue, according as I am taught to reckon, about 14 days, or sometimes more, as they are loath to depart. But when by the *Retrograde* Course of  $\varphi$ , it happens to be re-inforced, it *redoubles* the Term of Time, and reaches to a Month or more. So I find in *Keplers Ephemeris*,  $\mathcal{A}^{\circ}$  1624. where our Planets being met, *June* 2. separate to the distance of 10 gr. and then meet a *Second* time, so the Sum comprised arises to days 39. Yea, reckoning 10 degrees before and after, to 50 Days: A time wherein we may view the complexion of the Planets.—Whereas therefore I had once a Fancy for brevities sake, (alas!) to enlarge our Observation but to gr. 5 distance, supposing, to speak Truth, the *Humour* of the Aspect, I was taught to double my *Files*, as I did in  $\delta \varphi$ , that I might here also comprehend the entire Influence. So for example in the following Table, the Aspect holds from *October* 15. *ad Nov.* 24.  $\mathcal{A}^{\circ}$  1658.

§ 6. This ministers occasion of *justifying* our Table, and its Dimensions, beyond the Partile nicety; and I may instance from *Kepler* himself, and the hard shifts he was reduced to,  $\mathcal{A}^{\circ}$  1628. where  $\delta \odot \varphi$  happening on his *Aug.* 10. *Styl. N.* He acknowledges only, that the 8th and 9th days pertain to it, which brought Rain between them. Now, first take notice that this is the Month wherein he acknowledgeth our Planets to be very near One the Other all the Month long (*Martem Mercurius per totum mensem proximè antecedit*) whereupon, say I, it Rained and Hailed on the 13th Day; Lightened and Storm'd, *die* 17, 18. —*Kepler* imputing the Lightning to *Anticipation*; and the Hail to no Cause at all. *Die* 17, 18. *Credidissimè*  $\varphi$  in  $\square$  *Jovis* qui sequitur, nisi Effectus subinde anticiparent. But, by the leave of the Antients, there is no such thing as *Anticipation* in Nature, and therefore not in the true Astrology: and *Excessus sine causa Cælesti*, gives too great advantage to the Adversary, and betrays the Art by the Artists confession.

§ 7. But this is not all, since the good Man in the precedent Month under the Wings of our present Aspect, is driven shamefully to acknowledge the State of the Air for almost a Weeks time to be an *Orphan* Effect, without any *Father* scarce to answer for it. The New Aspects he puts up, 'tis true, for the Continual Rain, *July* 28. 29. his Semifextiles joyned with a poor Sextile; But he refers all at length to the Plethora of the Earths moving, and a Fancy of his own, that his New Aspects wrought (forsooth) at distance; as the sight of a Whip ('tis his own Simile) makes a pamper'd Jadoero mend his pace: a *Shadow* of Reason! When Nature is a *Slugg*, and doth nothing at the sight of a Whip, she will not stir, unless *Auriga* of some other bodies Lash make her smart.

Thus

§ 8. Thus in our Home-Diary, A° 1669. we find  $\odot$  &  $\text{Mer}$  in Congress, Aug. 20. I desire to know whether  $\odot$  &  $\text{Mer}$  were not in that Tumult, which happened 7. yea 9 days after; Aug. 27. and 29. the Diary calls it *Terrible Lightning*. Next, remove we backward to day 7, 8, 9. where *Lightning*, as mentioned before; nay, on Day 12. *Dreadful Lightning: Two Dreadful Thunders* in one Month, Now they are past, Fright us not. But if we shall consult the Ephemeris, and find the *same Aspects* of the *same Planets* repeated, One on the 14th as well as on the 20th, we may probably own  $\odot$  &  $\text{Mer}$  in the Riots. In the later  $\odot$  was gr. 7. distant; and in the former, (least he should be excluded) but gr. 2. Neither then, according to vulgar account was any of those great Aspects  $\text{Mer}$  &  $\text{Mer}$  thereabouts. For  $\text{Mer}$  &  $\text{Mer}$  was at nearest 5 degrees distant in the later, in the former the distance was gr. 10.

§ 9. At two degrees, some will say, it may be, but at 7 it cannot. I answer: Two degrees distance is far from Partile. But when this Month shall give us Instance of *Two* degrees, and *Four*, and *Five*, and *Six*, and *Seven*; who can deny but that our Aspect at these distances causes them? (i.e.) Helpeth to make them; For that is all we labour after. For an Aspect as vulgarly confin'd, is Shackled, and excludes all consideration of sensible approach or Vicinity, so as to make the distance of 2 or 3 degrees as much, as 2 or 300. Contrary, say I, to all reason. For though the *General Conjunction* be the Strongest; a Corporeal Conjunction reaches, (saith Cardan truly) as far as the aggregate of their Semidiameters, at least, (in *Ptol.*) Yea, and separate also, say I, they are not presently estranged; They have Rays and Proportions of Strength; They are linked One to the Other, as we see in wrestling, when their Bodies keep off.

§ 10. United Strength is more powerful, we have answered it already, Not every kind of Union, for every design whatsoever. A *File of Soldiers* is stronger than a *Company of Straglers*. But a *Rank of Military men* are stronger to attack a Fortrefs. Beside the Unity of the *Line*, there must be Unity of *Proportion*: Two Planets in *Lineal Conjunction* bear no proportion to the Heavens, or to the *Atmosphere*. Two Wings will not maintain a Bird in Flight, unless proportionate to the Bulk. Harmony it self is nothing but Unity of Proportion; and that reaches to *Obscure*. Who knows then but 10 or 12. or 14. may be proportion for Physical Effects; but we have spoke to this already.

§ 11. Well, what can  $\odot$  &  $\text{Mer}$  do more then as *Regiomontanus* hath said cause Heat, Dryth, or Winds and Rain, in their respective Signs? *Cardan* in the following Age hath little more to say; He adds, that it causes *ventos, cum impetu*, vehement Winds; for, both the Planets, saith he, are impetuous. In *Ptol.* 11. § 62. Our present Age hath Furbush'd this, with an addition of Rain, Snow, Hail, and Thunder; *Maginus* and *Eichstad.* To whom *Kyriander* perfectly accords, for Rain, Lightning, &c. And for Winds, he saith, the Aspect is held the most turbulent and unquietest of them *all in rubigine et ingestume sen gehalten*: (Rough Words and in their very pronunciation Tempestuous.)

§ 12. All these Specialties, if they must be consider'd, our Tables will do them right. The Antients are willing to mention *Dryth*, which I remember is an *Ingredient* into the very *Definition* of  $\text{Mer}$ , and therefore must be *Universal* to every Mercurial Aspect. *Mars* and  $\text{Mer}$  is made a Moistet  $\odot$ ; and I think 'tis vain to contradict: They may differ as our Fruit doth, our Apple or Grape, One Species is more Liberal in her Juicy pressure, than the other. Verily there are many Signs of Dryth; First, in the Winds, for which  $\text{Mer}$  is famous. Next, in the very moisture it self; which is not so profuse as in  $\odot$  &  $\text{Mer}$ , but it many times brings Rains by fits, more now, than at another time; Yea, by Stealth as I may say, sprinkling only a little after

after ☉ set, or between that and Midnight: The Meteors observed in the Night, and its share in Comets; whence *Cardan*, you heard, makes *Mars* and *Mercury*, aspected or not, to be the Sire and For-runner of all Comets. Fog seems to be a perpetual Effect, or attendant of ♂ ♀, if not, rather an attendant in Ordinary to ♂, with whomsoever configurate. To this we must add the *East Wind*, which we know accompanies Fog; though this Wind also hath its Fiss, easily shifting and changing to another point. Lastly, which must not be dissembled, and left for the Adversary to make use of, Cold and Frost, intense and pungent; for so we find it in a special manner in our Tables for sundry Weeks in several Years, sometimes on the precise day of the Aspect; so that I am a little reconciled to *Cornelius Gemma*, who I thought once spoke what came next, when he imputed a Hard Frost to an Aspect of ♂ ♀.

♂ ♀ 13. But though the Diary put this cooling Card in my hand, since I scorn to play foul, I am engaged to speak to it. First then, consulting my *Ekphrasis*, I find the Premises to be no great matter of News: For the *Arab* speaks not only of Wet, but of Drought; Greater Drought than wet, posited in certain Signs: by the same token that they have a touch at Fog; and more than a touch (which we have seen in ♂ ♀) of Infirmities and Sickness incident to Man. The same they repeat in the Elevation of ♀ above ♂, Infirmities, and expressly not only Feavers, but Coughs; A point to be regarded, as I have hinted before. By the same token again that they forget not *Dearth*, which in their hottest Countreys must proceed from Drought; Nor the Annoyance of devouring *Locusts*, which is an Effect of Dryth also: A point far from fabulous, and that in Foreign, yea, in our own Neighbouring Countreys; which I, for my part, cannot securely deny to depend on the Heavens, since it must so depend, if it is imputable to the *Season*; though the *Nimigeum* Physitian dares deny it. But this by the way.

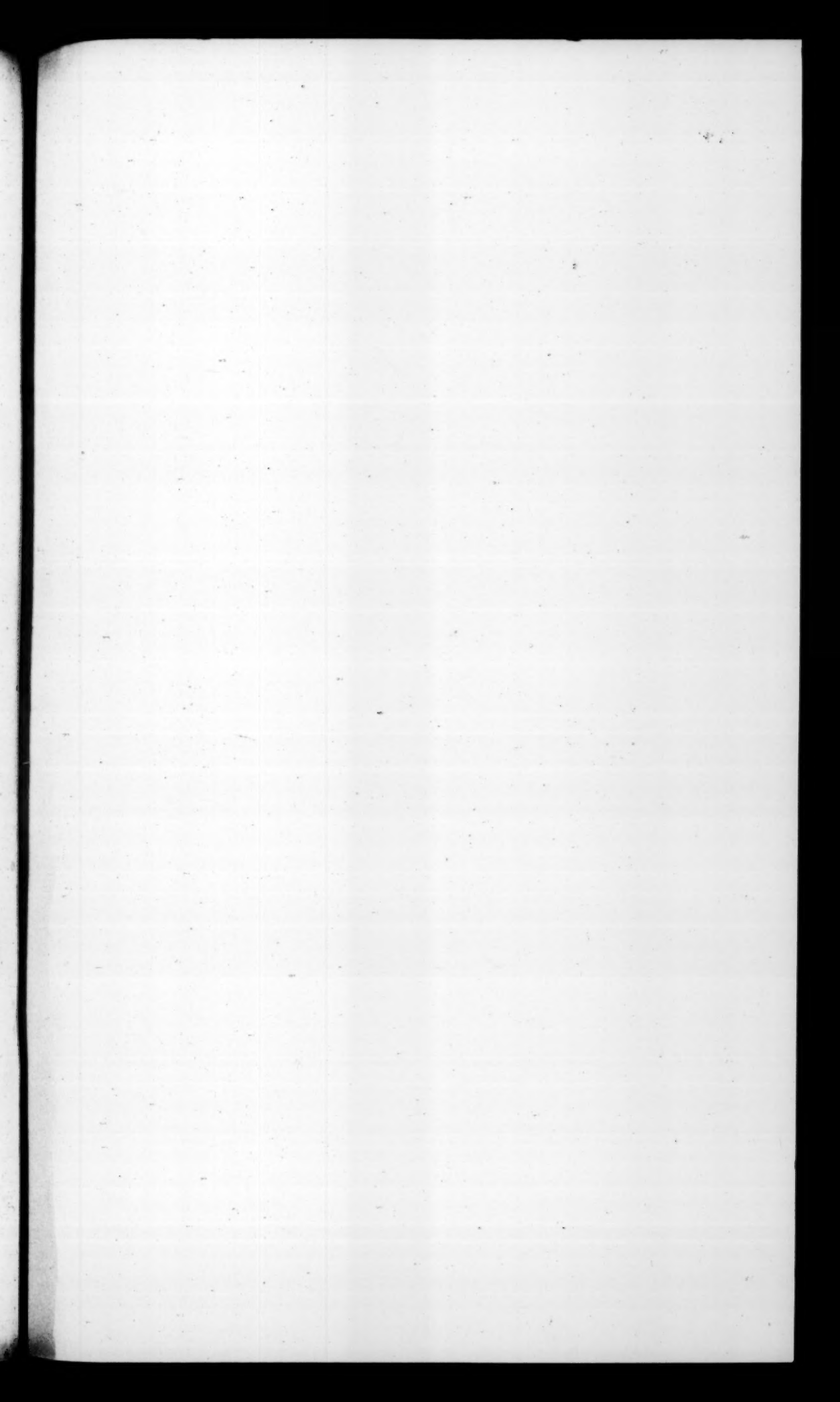
♂ ♀ 14. To Cold, now we meet with that also Once, in the Elevation of ♀ above ♂, to my wonder, I confess; but the Diary abundantly testifies. We have had the like already in the Habitudes of ☉ ♀, ☉ ♀, ☉ ♀, but as I remember in Thinner and Rarer Instances; Here more frequently; and in its greater pertinacy, not to mention Jan. 28. 1661. and the days about it, and Jan. 19, 20, 21; 22. Jan. 1667. But ♀ 1663. you find cold wind, Ice and Snow, on the very day of the ♂ in the end of *March*, and entrance of *April*. The vehement Frost of Jan. 1665. for 10 days together, and more. Frost, Ice, very cold wind, at the end of *March*. ♀ 1667. Frost and Ice again, Oct. 1. ♀ 1675. which is very early, and upon the very day. Winter Days. Oct. 24, 25. ♀ 1677.

♂ ♀ 15. Did Hay be more frequent here, or with greater pertinacy it may, Not; but these examples do shew themselves upon the very day of the Conjunction among others. Jan. 28. ♀ 1661. and the days about it. Jan. 19, 20, 21, 22. ♀ 1667. no news of any vehement Frost till December 19. ♀ 1677. Frosts and Ice. Oct. 1. ♀ 1675. Winter days. Oct. 24, 25. ♀ 1677. Vehement Frost, while the Comet shone. Jan. 1665. for 10 days together. Cold, and Ice, and Snow on the beginning of *April*, and the end of *March*, 1663.

♂ ♀ 16. The Truth of it is, now I think of it, This gave occasion to the ancient simile of the *Doubtful* Nature of ♀, as if he complied with his Neighbours, Warm with hot, and Cool with Cold. But as from the beginning I suspected, so neither do I find any Cogent Reason to gain me to that belief, since the same may be said of the other Planets, ☉, ♀, ♀, ♀.

♂ ♀ 17. My constant answer therefore is, what I say for a *Dry April*, that our Aspect was in a common State of *develation*, left to shift for itself, and by itself can do but little; like a *Sea-Monster* in a *Shallow*; Dry, or calm,







or Cold may take place where an Aspect is destitute. But further, I cannot prevail with my self from the persuasion, that at times, being a *positive* Influence where it cannot strike up a Heat, it will actuate the Sting of the contrary, Cold. From the First time I considerd the  $\delta \odot \gamma$  oft-times commenced on Frosty days; much more in  $\delta \odot \varphi$ , or  $\odot \varphi$ , &c. I reckoned that the beams of the Planets conjoynd could do the less, if they could not perform the *Greater*. For I fancy that in a cold, nipping, Frosty Air, the *Atom*, (could we see it) is in *Motion*, else say I, it could not penetrate the *Cutis*: Heat it self could not affect us if it did not penetrate. Now this Motion it may receive from the Celestial Beam.

§ 18. I confirm this, because an Aspect of  $\mu$ , and  $\delta$  himself as we shall hear, hath got a Name for such Effects, which *Eichstad* himself hath confest. I add, that  $\eta$  and  $\delta$  met together have a notable Influence for the same Cold, viz. Frost and Hail, more (for otherwise I will say little, because  $\eta$  you will say is a Cold Star) than a  $\delta \eta \varphi$ , or  $\eta \mu$ : Wherefore? unless  $\delta$ 's Heat (or *Light*) united indeed with  $\eta$ , but destitute of its other Companions, shews its Influence so?

§ 19. I could ask, *Whence* comes the Activity of the North-Wind, were it time to ask the Question? In *December* suppose the Sun, &c. may raise the Exhalations, but why doth it not propell it from the South Point, where 'tis raised? I solve it thus: The North-Wind never blows but when the Planets are in some *Destitute* Estate, and the Fixed Stars from 52 degrees distance on either side of the Pole have time then to shew themselves: They can breath, though they cannot heat us; so it is Heat (insensible) actuates Cold. Thus may we have leave to *discourse*, where it is not given to us to *comprehend*. And if the Fixed are concerned, 'Tis their Light, or Heat, unless you will allow them another Influence, which I think will be said only, never prov'd.

§ 20. And now may we return with security to our Character, and bring in our wonted List of Winds, Rains, &c. All that we produce in the preceding Aspect.

A° 1652. Rain considerable, or violent, April 29. May 2. June 9, 10. July 5, 6, 7. 13. Rain all day, July 18. & 22.

A° 1654. June 28. July 1. 8. Sept. 9. (Fits of Wet 21.) 24, 25.

A° 1656. June 9, 18, 24. (26. all day) July 19, 23, 26, 29, 30. Sept. 18

A° 1658. Aug. 17. (22. all day) 28, 30. Oct. 15, 16, 17, 18. (whole night 27.) Novemb. 2, 5, 18.

A° 1660. July 30. Sept. 5. Oct. 27. Nov. 7, 10. (Rain, Hail frequent 11.)

A° 1661. Jan 15, 17, 18, 23. Febr. 13. Storms by Fits.

A° 1662. Oct. 9, 23. Nov. 2, 3, 4, 6, 10, 11, 12. (m. p. 15.) 18. (by Fits 19.) die tot. 21.

A° 1663. Jan. 26. (by Fits) 28. March 24. Apr. 5. (by Fits 6.) 0, 21, 24.

Anno 1665. Jan. 18, 19, 25, 26. Febr. 10. Anno 1676. March 25. May 3. (by Fits) 7, 8, 10.

Anno 1669. May 30. June 7, 10, Aug. 9. (by Fits 10.) 11, 12, 14, 30.

Anno 1671. May 16. 20. (by Fits 21.) 23, 26, 28. (by Fits 31.) June 1, 2, 7, 10, 14.

Anno 1673. July 28, 26, 30, 31. Sept. 12, 16. (by fits 18.) 19. (by Fits 20.) 21, 22, 24, 26, 27. October 7, 11, 12, 13, 14, 17.

Anno 1675. July 17, 21, 23, 25, 26, 28, 31. Aug. 1. Sept. 23, 24, 25, 26 (by Fits 28.) Oct. 8. Dec. 8, 10, 11, 12, 13, 14, 15, 18, 20, 21, 26, 27, 29

A° 1676. Jan. 10. by fits.

A° 1677. Sept. 13, 19, 17, 21, 23, 30. Oct. 3, 8, 9, 11, 13, 14, 18, 22. Dec. 11, 12, 14, 25, 27.



A° 1678. *Feb.* 21. (by Fits) 24. *March* 3, 4, 5, 6, 11, 15, 16, 17. (by fits 18.) 20, 21, 23, 29.

A° 1679. *Nov.* 27. *Dec.* 1. 10, 11, 15, 20, 21, 25, 27, 28, 31.

A° 1680. *Jan.* 3, 5, 7. (12. by fits) *March* 1, 3. *April* 5, 6, 8, 9. (by fits 13.) 15, 16, 17.

A° 1682. *Febr.* 18, 20, 24, 25, 28. *March* 3, 7, 9, 12, 13, 20, 25, 27, 28, 30. *May* 23, 24, 31. Of these we find some days wet throughout, *July* 16. 1652. *June* 26. 1656. *Aug.* 22. 1658. *Nov.* 21. 1662. *July* 21. 31. *Aug.* 1. 1675.

§ 21. The Winds raise a greater Sum, among which (though more there were without doubt) yet, these came to our Hands of Harmful and Pernicious Report.

A° 1675. *Dec.* 14, 23, 27. A° 1677. *Oct.* 14, 22. A° 1678. *March* 18, 21.

A° 1679. *Dec.* 20. A° 1682. *March* 12, 22, 23. — 19, 20. *May* 13.

The rest of these follow.

A° 1652. *April* 18, 19, 20, 24, 27, 29. *May* 29. *July* 12, 4, 18.

A° 1654. *June* 25. *July* 3, 4, 19, 24.

A° 1656. *June* 7, 16, 17, 18, 20, 21, 25. *July* 17, 18, 19, 21, 28, 29, 30. *Aug.* 27, 29. *Sept.* 6.

A° 1658. *Aug.* 16, 21, 25, 30. *Oct.* 18, 19, 25, 26, 29. *Nov.* 2, 3, 4, 6, 7, 8, 9, 12, 13, 15, 22.

A° 1661. *July* 30, 31. *Aug.* 4. *Nov.* 10, 11, A° 1661. *Jan.* 3, 12, 13, 15, 18, 21, 22. *Febr.* 6. 13.

A° 1662. *Nov.* 10. 10, 12, 13, 14, 15, 22. A° 1663. *April* 17. *May* 1.

A° 1665. *Jan.* 3, 18. *Febr.* 4, 5, 6. A° 1667. *March* 21, 22, 25, 26, 27, 28. *April* 30. *May* 6.

A° 1669. *June* 9. A° 1671. *May* 14, 31. *June* 8, 9, 13, 14.

A° 1673. *July* 27. *Aug.* 3. *Sept.* 12, 16, 17, 19, 21, 23. *Octob.* 11, 12, 15, 18.

A° 1675. *July* 24, 25, 27. *Sept.* 24, 25. *Oct.* 7, 8. *Dec.* 6, 8. 15, 17, 22, 26.

A° 1677. *Sept.* 12, 13, 27, 29. *Oct.* 11, 14, 28. *Dec.* 8, 10, 12, 13, 14, 27, 28.

A° 1678. *Febr.* 20, 21, 25. *March* 9, 15, 16, 18, 20, 21, 22. *April* 2.

A° 1669. *Dec.* 8, 9, 18, 19, 20, 22, 25, 26. 27, 30.

A° 1670. *Jan.* 2, 3, 4, 5, 7. *March* 1, 3, 4, 5, 6, 8, 9, 10, 11, 13, 14, 15, 16.

A° 1682. *Febr.* 18, 20. *March* 8, 9, 13, 14, 23, 24, 25, 28. *April* 2, *May* 31.

§ 22. This Evidence is proper, when we shall glance on the History of the Harmful Winds, which began not till the Year 1675, the First Year of various *Printed Intelligence* of which we made this innocent use. In the First we note *Harm* on Those days to our City Buildings. In the Second, IX. Ships cast away at Mount Bay. In the 3d. A *Hurricane*, such are always terrible, being near Earthquakes, as here. The Next, *October* 14. 1677. At *Bridlington Bay*, Shipwreck, and die 22. at *Swansey* a Storm, wherein the Wonder no more harm was done. And News of Wracks, *October* 18. with *Dead Bodies* cast upon Shore, 1678, &c. which I desire might be consider'd; how frequent would their mention have been, if the same *Publique Intelligence* had been Stirring. For I will make the Reader Judge, whether at least every Raging, Furious, Turbulent, Tempestuous Gult, noted in the Diary, did not bring, for the most part, such a sad Story, when I find more than once, such unwelcome Informations given us, ever where Little or no Wind is noted by Observation; XII. Ships cast away is a dismal Report (We speak of no Foreign Wreck) *March* 29. 1682. and yet no Wind,

Wind noted in the Diary. The like as in the *Swansey Storm*, Oct. 22. 1679. For the other greater Sum of Lofty Winds, it may not be amiss I should own that I have not reckoned those Days which are termed Windy simply, which yet would have made the Pomp the Greater, and it may be had right to be reckoned with their *Class*. The Winds before day, I thought it reasonable to account them Lofty; because either they were violent, or might be presumed so, if but audible to those who in their warm Beds, or drowsie Pillows, are disposed to hearken to a good quiet Sleep, than an unquiet bustling Blast. They who please may see more to their satisfaction in *Kepler*, or *Kyriander*, and so much for the *Unruhigten* pair of Planet,  $\delta$  and  $\eta$  in Aspect.

$\S$  23. If you please to allow the Summer Months, the next is *Thunders*, &c. and  $\delta$  &  $\eta$  are pretty good *Firemen*. See them Exercise.

A° 1652. June 9, 18, 19, 20, 21, 24, 25. July 7, 22. A° 1654. June 25. July 8. Sept. 23.

A° 1656. June 10, 12. July 20, 25, 26. Sept. 9. A° 1658. Aug. 14, 17.

A° 1660. Aug. 4. A° 1662. April, 6. A° 1669. August 8, 9, 12, 27.

A° 1671. Sept. 23, 24. A° 1675. July 23. A° 1677. Dec. 13. A° 1682. May 22, 31.

Will you please to have more from elsewhere? A° 1622. from abroad: June 19, 21. Aug. 27. A° 1624. May 27. at *Lintz*. 28. at *Norimberg*. 29. at *Lintz*. 31. at *Norimberg*. June 1, 2, 7, 8. (9. at *Norimberg*.) 11. usque ad 15. at *Lintz*. (16, 18, at *Norimberg*.) A° 1626. July 31. Aug. 16, 31. at *Lintz*. (4, 11, 12. at *Norimberg*.) Sept. 30.

A° 1628. Aug. 7. Lightning both at *Lintz* and *Norimberg*. December 22. *Calum Ardens* in both places.

A° 1632. Dec. 21. Lightning and Thunder at Midnight at *Lintz*.

A° 1635. March 6. April 22. June 3. 14.

A° 1637. May 15, 16, 17, 22, 23. July 25. Aug. 11, 20.

A° 1641. April 23.

A° 1648. April 29.

$\S$  24. The next is Comets. *Cardan*, you have heard, pronounces that all Comets own their production to this Aspect, seeing they are of a dry Influence. You see what we have said of the Dryth of  $\eta$ , but 'tis a fancy of His reckoned only to make an Aphorism. Some Comets are noted in his time, which should give him occasion to say so; but I wonder why he should appropriate it to our Aspect, since he made no Catalogues; for then he would have seen, not only  $\odot \eta$ , but  $\odot \delta$ ,  $\odot \eta$ ,  $\delta \eta$ , though of moist Influence, as dry for this matter, as  $\delta \eta$ . Alas! All the Planets we have said contribute to these Lucid Productions; And as Good Astrologers, perhaps, as He, have adventured to sort out several kinds of Comets to each Planet respectively: Some *Saturnine*, others *Jovial*, some *Lunar*: A Notion which I thought had bin trifling, but that I see *Hevelius* also espouses it, who is afraid to discourse any thing like an Astrologer, even where they ought not to be disdained. He perceived the Truth concerning their Original. As for their Natures, to me, they seem *Entia per Accidens*; and so cannot brag of any Nature, unless it be Relative, a Sign, or so, of what follows.

$\S$  25. But I hope this great Truth may find reception one day; that every Aspect happening within the Terms or Limits of a Comets duration, contributes to its Existence. We will endeavour here in some part to persuade this. I remember that December 12. 1680. the very Night that I wrote this, being summon'd up to view the Comet in the South-West, *hor.* 6. P. M. Consulting the *Ephemeris*, I found there was  $\delta \eta$  in being, and that the New  $\odot$  the day before usher'd it in. But I shall shew *Cardan* a greater Comet-Founder than  $\delta \eta$ . and that is, a  $\delta$ , or  $\delta \eta$ . —  $\eta$  as dry

dry a Planet as ♀; though ♂ ♀ ☿ are Comet-Founders many times. And what ♄ may do, will be seen in due Season. Comets then,——

§ 26. 1532. a September 23. ad Nov. 20. m 12. Sup. in ☉ and ♂.

1539. a May 6. ad diem 17. supra in ☉ & ♀.

1558. Aug. 6. ad diem 24. princ. ♄ ♂ ♀ in ♄ *ibid.*

1596. July 9. a 13. ad Sept. 15. See it in ♄ and ♂. *Thuanus.*

1647. Nov. 19. A Comet 2 days seen, and vanished.

1661. Jan. 28. *St. Vet.* Comet seen at Vienna, *Hevelius.*

1664. Nov. 24. So again supra in ♂ and ♀.

1661. Feb. 25. Comet at London ♄ of ♂ and ♀ in med. ♄, cum ☉.

Earthquakes love to follow oft-times, of which we have met with these. T. M. *In Lima fuit animadversus Kepl. in Jun. mens. A° 1624.* At Rome, said Kepler, in July 9. 19. A° 1624.

A° 1643. Sept. 2. usque ad 6.

A° 1645. Sept. 12. In Thuringia, Kyriander.

A° 1667. April 1. At Rome.

A° 1676. In Worcestershire, January 5.

A° 1680. Vesuvius ejects Fire and Stones at Naples, *Mense Martii.*

A° 1682. At Doncaster, May 16.

§ 27. As to our Remarks which we promis'd: The First Comet of Sept. 1532. we know, as before, appeared at ♂ ☉. We envy not the *Martio-Solar* ♂; but we with Reason say, that ♂ ☉ ♀ preceding, helped to the Conclusion of this Comet; The greatest Writers allowing them some time for their formation, before their presentment to the World. Believe this when you have considered, that on the First day of his appearance, which is more than I have said yet, a certain Planet faceth the *Pleiades*: We break with Method a little, but I hope it will be pardoned.

The Next of 1539. we have ranked under ♂ ☉ ♀, for near that ♂ it first appeared, May 6. We do not here go about to Anatomize the Comet, and shew all its parts, but we say ♂ and ♀, I believe, will be found within less than Twelve degrees; Yea, and as it happens, ☉ with, and ♀ not far from the *Pleiades*. Thus it haps, That Constellation is not our Subject as yet? but it is a Celestial: And of Celestial Aspects and Asterisms, *Eadem est ratio.*

The Third Comet of 1558. spoke its own Original so plain, that the World took notice of it. *Rochembach*, a Great Comenographer, quoted by *Hevelius* and others, hath these Words. —It was in Form like a Spire, kindled in ☿, ♄ ♂ and ♀ in *oppositum cursum habuerunt*. There's no disputing; look into the *Ephemeris*, and you shall find those 3 Aspects at the very doors: Aug. 6. and though ♀ be pretended to stand a little aloof, if measur'd by a Rule; yet they must all be let in to speak with the Comet. ♂ ☉ ♀ hath his share then; That's all which I demand. Note, that this is one of the Comets on which *Cardan*, even now, built his *Axiome*.

That of 1647. had ♂ ♀ a Week before, and ♂ ♀ Three days after the appearance: Their Rays then were engaged when the Meteor appeared.

That of 1661. must be welcome, for it brings ♂ ☉ ♀ in its Mouth, ♂ ♀ in the very same degrees of ♄. There had been a preceding ♂ of our Planets about a Fortnight before, according to our Doctrine, the ♂ repeated is the more Potent. Next we take notice of the Phenomenon, shewing it self in *Aquila*, which is thereabouts Situate in the Sign ♄, notes a Conjunction of the Phenomenon, as it were, with the Aspect. No more will we say at this present. Only, if the Reader consulting the *Ephemeris* for that time, shall cast his Eye upon ♄, and note his place, he may chance to remember what we have said before of Facing the *Pleiades*.

The



The Comet 1664. Dec. 9. or as we said from *Oxford*, Nov. 24. doth not owe its Original to our  $\delta$ , we may hear of it in  $\gamma$   $\delta$ , as already in  $\delta$   $\eta$ . But what is to be noted, is this; that according to our Principle it was nourished and cherished the whole Month of *January* 1665. throughout, and the First part of *February*, since our Diary reaches to the 10 day: Now if there were no other Evidence than our Diary, might not a Man think there were somewhat, when but two Months after I find another Comet shew it self on the return of this very Conjunction (together with  $\odot$  I confess;) which Comet being said to begin *March* 31. falls so part for us on *April's* beginning, as if I had enlarged the Observation on purpose to comprehend the Phenomenon. But seeing the contrary is not only true, but also apparent, we have here our Conjunction, the Father of the Appearance.

That at *Moscow*, A° 1682. April 6.  $\gamma$  5.  $\delta$  13.  $\varphi$  cum  $\odot$  &  $\eta$  in fine  $\kappa$ . as the Intelligence of those days informed us; I have reason to look in the Report for certain, and you see it falls within our Sphere. I know there are greater Configurations, but I pray  $\delta$   $\varphi$  may have their Portion: For 'tis with Aspects Celestial, as with Serpents: They get a Name of Fame by devouring the Less.

§ 28. I should have spoke to the Hail that finds a place in our Character; some, we have, we see under our Aspect; but *England* I reckon is not the Celebrated place for Hail; I have met with Hail to my wonder in the *Russia* Voyages, but Cold though we be, I find that some warmer Climes are most subject to it, especially such as is Harmful to Harvest, or Vintage. In *Rome*, as *Fromond* Notés, there were appointed Hail-Scouts, Watch and Ward to give notice of an Approaching Storm: What  $\delta$  and  $\varphi$  in state of destitution may contribute we have said  $\delta$  and  $\varphi$  which have brought Snow in *May*, at *Norimberg*, in *Kyriand*. There may be somewhat in the Nature of that Soil: upon which account it is easie to observe, that it Hails most in the Wine-Countries: Whether a *Rhenish* or a *Garet Spirit* may not issue up to the Regions of Hail? We in *England* have but the Shadow of a Vineyard. I speak of the Brisker Wines; for as for the *Spanish* Countries, whose Wines are more soft and Unctuous, possibly the Injusies done by Hail are rarely seen.

§ 29. As to Earthquakes we have seen them before in  $\delta$   $\odot$   $\delta$ , in  $\delta$   $\odot$   $\varphi$ , &c. the later of which must carry the Name, because it is a busier Aspect; and comes upon the place several times to once of the other Conjunction. 'Tis not to be denied, though that  $\delta$   $\varphi$  are Shakers, as in that at *Rome*, A° 1624. noted by *Kepler*,  $\odot$  and  $\delta$  are gr. 10 distant, while  $\delta$  and  $\varphi$  are upon the very Spot of  $\alpha$  6. — Yea, before he tells us of the like observed at *Lima*, he names not the day of the Month: But happen when it will, it falls within the tedder of  $\delta$  and  $\varphi$ , being stretched but 10° degrees. Just now we remember a Second Comet happened at the return of  $\delta$  and  $\varphi$ . Here we meet with a Second Earthquake happened at the same time, and within a Months space in both.

That of A° 1643. lasting for 5 days, we were willing to make much of, though  $\odot$  and  $\varphi$  be 7 degrees distant; so  $\varphi$  from  $\delta$  is but twice 7 degrees distant those 5 days, in which he abates that Distance.

Thrt at *Düringen*, A° 1645. Sept. 12. has appeared under the  $\delta$   $\delta$   $\eta$ ; Yet  $\delta$  and  $\varphi$  are but 4 degrees distant.

That of A° 1667. shews  $\gamma$  and  $\odot$  indeed at 7 degrees distance, and  $\delta$  and  $\varphi$  at 6 gr. distance.

A° 1676. follows with that in *Worcestershire*,  $\delta$  and  $\varphi$  are within 6 degrees, while  $\gamma$  and  $\varphi$ , 'tis true, are nearer.

Next, A° 1680. *Vesuvius* Flames, which are tokens, and Earnest of T. M. thereabouts, is noted within the First 20 days of *March* that year; and within the Mid-way, viz. *die*, 11 is noted  $\delta \delta \varphi$ .

Lastly, that at *Doncaster*, A° 1682. adds to a  $\delta \odot \delta$  gr. 7.  $\delta \delta \varphi$  gr. 11. distant.

§ 30. I do not add the Legend of Two *Grampises* stranded, or taken at *Greenwich*, though I have own'd that there is some reason to believe that such Novel Appearances do give notice of some disturbance of the Earth and its Concomitant Waters, which the Fish would avoid; but I impute it rather to the Dreadful Thunders which are noted thereabouts; which is known to disturb all Brutes by Sea or Land, into which piece of Philosophy the Psalmist hath long ago entred us. For who hath excepted the Fishes of the Sea from Celestial Distempers?

§ 31. This I observe, that Fishes do sometimes appear in Sholes when Celestial Causes are visible moving thereto. So say the Journals for 10 days together, *ab Octob. 25. Nov. 5. 1662*, returning from *Java. Nov. 22.* All under this Aspect:

§ 32. Here again we see the convenience of enlarging the Sheets of our Aspect, the Account may be given at least abroad; (for let it be thankfully acknowledged Earthq. continue not long with us) They say, 'tis ordinary to continue 40 days; yea, and *Aristotle* himself agrees to it, then the enlarging of an Earth-shaking Aspect, as before, so here, to 30. or 40 Days; hath its use and ground in Nature, especially where Two *Conjunctions* meet: So that when One ceases, the Second begins; thereby continuing, yea, and as it happens, encreasing the Puissance of the Aspect.

§ 33. The Next trouble is with *Currents*; I have somewhat more perhaps, to produce then they came to: Yet, because they are also of some Consequence, I note, — First, after a violent Storm of Wind in *Lat. N. 42. March 31. April 1. A° 1665. A Current. April 2 or 3.  $\delta \varphi$  in  $\delta$*  on the Equinox, with the  $\gamma$  on the Tropique. But again, *April 11. A Current*, while the  $\gamma$  comes to the Equinox, and opposes  $\delta \varphi$  in  $\delta$  on the other side. In like manner, *April 4. 1665. the Ship London* in her return from *Surat, Lat. N. 7.* was found to be 22. miles more Northerly than by account, and 22 more Westerly, Days 5 and 6. 17. and 18 miles more to the Southward. *Die 7.* Eleven more,  $\delta \varphi$  gr. 9. distant in  $\gamma$ , are united by the  $\gamma$  intervening. *Die 4.* The same Planets with the  $\gamma$  applying to the Sun, are found in the 3 days following. The next that comes homeward, A° 1680. *March 11. in the Ship Sampson, Lat. N. 30. A Stream Southward of 10 Miles: Our Aspect* is found on the precise day: And another greater, *Die 16. of 27 miles alteration.  $\delta$  is as far from  $\varphi$ , as  $\varphi$  is from the  $\odot$ .* — Note that I find a like Current in the Golden Fleece, at far different Latitude near the Line, about the time of the Aspect, which I mention to perswade that this is no Error, or Fault, as may be pretended. In the mean while we omitted Currents, and those extream, A° 1611. *Sept. 12. mentioned by Purchas*, where the  $\gamma$  opposes  $\delta \varphi$ , and  $\odot$  also, as happened before.

§ 34. Now, that which I have look'd upon as a greater Arcanum, is the shifting of the Tydes: When the *Thames*, for example, shall Ebb and Flow twice or thrice in the space of a few Hours; so we find it remarked to us by our Annals for Prodigious: Such was that of A° 1550. *Dec. 18. A° 1564. Jan. 26, 27, 28. A° 1574. Nov. 6. A° 1609. Febr. 19. A° 1693. Jan. 3. A° 1654. Febr. 2. A° 1656. Oct. 3. and Two or Three in our Diary since.*

§ 35. 'Tis no small enquiry since it is taken for a Prodigy ; concerning which point I am not engaged at present to say ; the Ingenious Author of *Britannia Baconica*, pag. 93. makes it nothing but the Tyde at Ebb ; Leisurely preceding toward the Sea onward, and beaten back again by a *North-west-wind*. To this purpose he observes, that these Tydes most part happened when the waters were at Lowest ; about the Quarters of the ☾ ; Yea, and when ( so curious is he ) she was in *Apogæo* ; a Circumstance which he saith, with Reason, helps to abate the highest Water. And I would all hard Questions could be so easily solved : For the Truth is, the Wind blew from the North-West, A° 1654. *Febr.* 2. and A° 1656. say I, *Octob.* 3. ( a North-East, at least ) which shall break no squares ; and the Wind blew hard also. The like again, *March* 22. 1682. Add, *May* 31. News came from *Lime*, the Sea-Coast ; There 'tis said how a Storm of Wind, with Rain and Thunder, caused several Ebbings and Flowings in the Water in half an Hours time. So that it must be granted, that the Winds, and the Northerly Winds are Instrumental in the case.

§ 36. But to deal ingeniously, I believe there is somewhat more in it which this Good Man would have hearkned to, *viz.* some less obvious Cause than a Stiff North-Wind falling in with those Circumstances. First, because neither is the *Neap-tide*, nor the *North-Wind* perpetual. That of A° 1564. *Jan.* 26, 27 ; 28. was within a day or two of the Full ; and that's no single Instance ; and besides that, by his Confession the *Apogæum* fails twice ; I add, and a 3d. or 4th. time, *March* 12. *May* 31. 1682. but chiefly because we are by this Hypothesis engaged to find One every year ; since there is scarce a year passes, but will find us one North-Wind brisk and blowing at *Neap-tide*. Next, that we seldom find any such Tyde, but a Notable Aspect of ☉♂, ☉♀, ♀♂, ♂♂ is visible, and they in Partile also. Again, we shall find some certain Month not so prompt to shew us this Fact ; Not *June*, *July*, *August*, but chiefly the Winter Months ; and especially those which are capable of the Variation of the Equinoctial Tides ; *February*, *March*, *October* and *November* : and so we cannot speak fully to it, till we come to treat of the Signs of the Zodiac. In the mean time the First suspicion we had of this hidden Cause, arose from observing our Aspect caught twice or thrice in the Company. ☉♀ are more than the occasion, they are the Authors ; as they are the Authors, not Solitary and Adequate, but Partial, and at times of Currents, Thunders, &c. This the Diary witnesseth, that when in *Sept.* 1663. there happened an Equinoctial Tyde, *March* 31. 'Tis not the Sun ; but Two Friends of his be point blank upon the Equinox, our ☉ and ♀.

§ 37. And if the *Maculae*, which have bin so carefully observed those later years, shall come to be imputable to our fantastick Causes, then the said Causes may come in some reputè, or that Effect to be vilified. But neither is the Effect to be vilified, nor the Causes to be disputed. We have said before for ☉♀ ; we may venture in the same bottom for this Aspect also. 'Tis no small matter to give an account of the paleness, yea, of the darkness, which is a disposition of the Sun without an Eclipse. Such was that Famous *Phænomenon* in *Herodotus* ; when *Xerxes* and his Army march'd from *Sardis*, as *Calvisius* will have it, I began to question his Excellent Chronology on that account, for setting Sacred Story aside, I could not imagine how Day should be turn'd into Night ? ( Which *Herodotus* asserts ) without some eclipse, or Lunar Interposition. But Astronomers have collected some Instances which come home, or very near. ☉ *Pallidus* is pretty frequent in *Kepler's* Diary, which denotes more than a mist, since that is every where expressed by by its proper term. The ☉ labours, and is disturbed



turbed at such times, as the Learned Writers of the *Macular* Obscurations conclude, *Scheiner* and *Hevelius*. All that I have to say is, this Inquietation comes from the Heavens. In the Body of Celestial Sphere, one part affects another. A  $\delta$ , or an  $\phi$  of  $\delta$  and  $\odot$ , nay with  $\eta$  or  $\xi$  will help to bring in a *Macula* into the Body of the Luminary. Nay, the  $\delta$  or  $\phi$  of the Superiors aspected together will do the like. And if the Sun be the Center of the Planetary Heaven, which I am willing to believe from the Reasons of the *Copernicans*; there can be no scruple how it shall come to pass, since every part of the Circumference glances upon the Center. Thus in *October* 18, 28.  $\text{A}^{\circ}$  1642. where *Hevelius* acknowledges a *Macula*, and a *Halo*; there is an  $\phi$  of  $\delta$   $\eta$  at 7 degrees distance contributes, with an  $\phi$  of  $\delta$   $\odot$  at gr. 5. distance. *July* 4. *Stylo Veteri*,  $\delta$   $\eta$  at 6 degrees distance, *July* 16. at 7 degrees distance.  $\text{A}^{\circ}$  1644. *June* 3.  $\eta$  and  $\delta$  3 degrees distance. *July* 16.  $\psi$  and  $\delta$  5 degrees distance. And any one may think it probable, when they shall find the Phenomenon of  $\odot$  *Pallidus*, *May* 1. 1627. and again 5, 12, 13, 15. and 28, 29. and all within  $\eta$  and  $\delta$  opposition, at gr. 12, 8, 5, 3, 1, 0. distance. *May* 12. being a Partile *Opposition*.

$\S$  38. Here also comes at last, or a little Table of the Male-Influence noted as it haps by its self: Which if I may serve the Student in Physique thereby; I will present. I shall not need make a Cross upon the Door of this Aspect, seeing what Pestilential Influence it hath, for the most part, is not easily distinguished from the precedent Aspect of  $\delta$   $\eta$ . I shall only present a few Notes of the Years, 1673. 1675. Some of more, some of less concern, of Aches, Indispositions, &c. In 1671. there were noted but 3. *June* 18, 21, 22. In 1673. *July* 22. what more ought here to be noted, I cannot say. But in *September*, I read thus, 13. Aches 21. Spasmes 4 m. Aches 10 at Night. 25. Pains in the Feet. 26. in the Shoulder. 29. Scorbutical Sweats. *Oct.* 2. *Podagra*. 6, 15. Pains in the Shoulder. 21, 22, 23. Aches. 24. Pains, Fits. —  $\text{A}^{\circ}$  1675. *July* 4. Indispositions. 5. Soultry, afflicting Weather. 9. Sicknes, Feavers. *September* 20, 22. Indispositions. 26, 27. Pangs. *October* 3, 4, 5. Indispositions. 6, 7. Aches in the Shoulder, Hysterical Fits; Sicknes, and within 7 days Death. 9. Aches. So the 12 hor: 3 p. the 13. Indispositions. But the following one in *December* is frightful, *Dec.* 2. Fits of Distraction. 4. Hysterical Fits, terrible. 5, 6, 7, 8. Aches in both Shoulders. 9. Convulsion. 10. Child Sickned 2 m. — 11. *Podagra*. 13. Children Sicken. 15, 16. Aches. 17. Hysterical Fits. 22. Indispositions ad 24. Aches 25. Indispositions, and 31. Aches. And so much for  $\delta$   $\eta$ .

## Mars and Metcury;

## Home-Diary.

1652. *Ab Apr. 16. ad Maj. 2.*  
 18. High wind, Showrs. S.  
 19. Very H. wind, Showring  
 20. High wind, Showry. fo 22.  
 S E.  
 24. H. wind.  
 27. H. wind.  
 28. Showring m. \*\* 30  
 29. Showry, very Windy.  
*May 2. f. Storms at night.*  
*Iterum June 6. ad 29.*  
 8. f. rain, windy.  
 9. Dash, Thunder.  
 10. Thunder and Showrs.  
 14, 15, 16, 17, Red wind.  
 18, 19, 20, 21. Thunders.  
 24, 25. Thund. 23  
 25. Windy.  
 27. R. way.  
 28. Some Rain, wdy.  
 29. Showry, high Wind.  
*Tertio, July 1. ad 23.*  
 2. Some drops.  
 3. Dropping, windy, red wd.  
 4. Dropping, high wind, red  
 wind.  
 5. Rainy at night.  
 6. Showry, wdy.  
 7. Showry, Thunder.  
 8. Showry, more wind.  
 9. Windy, some Showrs.  
 12. More Wind, rain at n.  
 13. Showry.  
 15. Windy.  
 16. Rain d. t. E. N.  
 17. Cloudy, dropping, wind  
 W. than S. 26  
 18. Dropping, more wind.  
 22. Thunder, Showrs.  
 23. Cldy at n. and dropping.
1654. *A June 24. a July 8.*  
 25. Winds, and suspicious.  
 26. Winds, & fine Showrs;  
 Heat.  
 27. Hot, S. Showrs Night. S E.  
 28. Th. Store of rain. N E.  
 29. Hot, N. E.  
 30. H. wind, f. drops.  
*July 1. Cold Rain and Wind.*  
 N E.  
 3. Brisk Winds, f. Wet. ✓  
 4. High Wind. N E.  
 5. Mifty, hot t.  
 6. Hot; some rain at night.  
 8. Th. Showrs.  
*Iterum, Plat. a Sep. 9. ad 27.*  
 9. Wind Showry.  
 10. Dark, suspicious n.  
 11. Mifty m. hot.
12. Suspicious, some drops.  
 17. f. rain.  
 19. Winds a. l. dark.  
 21. Fits of wet. Iris more  
 than Semicircular.  
 22. Heat.  
 22. f. rain, Th. seeming at  
 midnight.  
 24. Rain l. & p. m. wind. S.  
 25. f. store of rain 10 p.  
 25. Warm wind, suspicion  
 at night.  
 27. Mifty m. warm. 30
1656. *June 7. ad 27.*  
 7. High wind, f. mistle, hot.  
 N E.  
 8. Hot, dry, Wind, f. mistle.  
 N E.  
 9. Wet 9 m. wind, hot p. m.  
 N E.  
 10. Thunder, dry. N E.  
 11. Hot and dry. E.  
 12. Very hot, thunder. ✓  
 13. Red wind.  
 14. Dropping ☉ occ.  
 16. H. cool wind 3 p.  
 17. H. wind, Showrs 4 m. H.  
 cool wind till 8 occ.  
 18. Storms of R. and H. wd.  
 19. Wind, dropping, coasting  
 p. m.  
 20. Stormy wind, some wet.  
 21. H. wind, Showr ☉ occ.  
 N E.  
 22. Heat.  
 23. Heat, dry meteor.  
 24. Very wet.  
 25. H. wind, f. dropping.  
 26. Coasting Showrs die est.  
 27. Gentle rain 4 p. ad 10 p.  
*Iterum, July 17. ad Aug. 3.*  
 17. H. wind, coasting Showrs.  
 18. Stormy wind, reddish wd.  
 19. High Wind, Showring.  
 20. Heat. R. Thunder and L.  
 5 p.  
 21. H. wind, heat.  
 22. Wind, gentle Showrs.  
 23. Cain pouring hot.  
 24. Hot.  
 25. Hot Lightning, Thunder.  
 26. Terrible L. violent Show-  
 rs, Hail, stormy Wind.  
 27. Dry wind.  
 28. H. wind and drille.  
 29. H. wind and Showry.  
 30. H. wind, dashing.  
 31. Wind.  
 Aug. 1. Meteors, blew mist.
2. Hot, red wind (Clouds por-  
 trary.)  
 3. Very hot, blew mist. 6  
*Tertio, ab Aug. 27. ad Sept. 12*  
 27. Offring to drop, H. wd  
 at n.  
 28. Windy, warm, blew mist.  
 N E.  
 29. Brisk wind. Ely.  
*Sept. 1. Showring.* E. 2  
 4. Wind, Showry about noon.  
 6. H. wind, warm.  
 8. Store of rain towards Lon-  
 don.  
 9. Lightning a Flash. N E.  
 14 times N E. this bout.
1658. *Ab Aug. 12. ad 30.*  
 12. Fog m. hot.  
 13. Thick Fog, hot, dry wd.  
 S E.  
 14. Thunder 11 m. & p. m.  
 Ely.  
 Foghot Showr 3 p.  
 11 15 & Lat N E  
 86. Windy a. l. sprinkling 3 p  
 Wly.  
 17. Showr, Thunder-clap 10  
 m. Lat. night.  
 19. Frost, windy, some wet  
 4 p.  
 20. Mifty, warm, Showr 7 p.  
 21. Foggy m. H. wind, drille  
 22. Serious wet, & tor.  
 23. Warm Showr ☉ occ.  
 24. Fog, warm wind, misting.  
 25. H. wind, f. wet.  
 26. Cloudy, cold m. p.  
 27. Dropping 7 p.  
 28. Wind and Showrs.  
 29. R. 4 m. windy at night.  
 30. Stormy wind noth. rot. pra.  
 Dry wind. N W.  
*Iterum, ab Oct. 15. ad Nov. 24*  
 Duplex 8.  
 15. Rainy, warm.  
 16. Rain a. l. dark, Showring  
 5 p. 8 p. &c.  
 17. Violent R. noth. mod. H. wd  
 8 p.  
 18. H. wind noc. praec. Showring  
 7 p. &c.  
 19. Wind noth. praec. Showr  
 noon. Gallant Meteor.  
 20. Cobwebs, 3 drops.  
 21. Gloomy.  
 23. Rain Ely.  
 24. Rain 4 m.  
 25. H. wind, drille.  
 Z z z

26. Wind *noft.* *prec.* warm, rain  
4 p. & 7 p.  
27. Rain *noft.* *praced.* tota.  
28. Cobwebs.  
29. Wd blustering a. l. Cob  
webs. NE  
30. Frosty. NE  
Nov. 2. Dark, wet, high wd  
3. Stormy wind, Rain.  
4. Wind *noft.* tot. with f. snow  
10 p.  
5. Rain 5 p. & c.  
6. R. m. tempestuous and wet.  
7. Blustering a. l. wet 9 m.  
8. H. wind; showr 4 p.  
9. Wind a. l. wetting p. m.  
10. Windy p. m. Cobwebs.  
11. Some wet.  
12. Blustering a. l.  
13. Blustering a. l.  
Rain a. l. dark, windy, drisle,  
p. m. m. p.  
15. Turbulent a. l.  
18. Wet a 4 m. ad 9 m. fo  
noon ad 8 p.  
22. Wind a. l. offer to snow  
H. wind.  
24. Snow and small rain.

24

1660. A July 28 ad Sept. 11.  
Duplex 8.

28. Hot Meteors at night.  
29. Hot Sol rubens  
30. E. wind brisk, showing.  
31. Stiff wind; some Mete-  
ors.  
Aug 1, 2, 3. Drisle p. m.  
4. Thunder, Lightning, tem-  
pestuous.  
5. Windy, drisle  
7, 8, 9, 10. Hot a. nd dry.  
12. Missing 5 m.  
13, 14, 15. Very hot.  
16. Rain 10 m. dry, very hot  
17, 18. Very hot.  
19. Hot, dry, rain mida.  
20. Drisle m.  
22. Rain at night.  
23. Very hot.  
24. f. rain m.  
25. Very hot, gentle rain at n.  
16, 27. Very hot.  
29, 30, 31. Frost m.  
Sept. 1. Rain at n.  
4. Very hot; drifling.  
5. Rain, hot.  
10. Hot. shows.  
11. Hot, drifling.  
Tertio ab OH. 20. ad Nov. 13.  
20. Fog. NE  
23. Windy.  
24. Windy. NE  
27. Dry, cold, windy, hail,  
rain.  
29. Hot Sun rise.  
31. Some rain.  
Nov. 1. Threatning.  
3. Suspicious.

5. Fog below.  
7. Storms of Rain n. & E.  
9. Some drops, stormy.  
10. Stormy wind, hail and R.  
10 p.  
11. Stormy wind, storm of  
Rain and Hail frequent.

17

1661. Jan. a d. 1. ad Feb. 13.

1. Frosty.  
2. Frosty; close, windy, dry  
3. Cold, dry, H. wind.  
4. Close, dry, windy.  
5. Close, dry, Spring weather.  
6. Close, dry, warm, windy,  
7, 8, 9. Close, dry, warm  
fog p. m. 9.  
10. Fog, warm; dark; wet  
night.  
11. Dry, windy.  
12. Stormy wind, driving,  
small rain.  
13. Windy night.  
14. Windy, misty.  
15. Windy, close; stormy at  
night.  
17. Windy, wet n.  
18. A 4 m. & c. very wet, win-  
dy.  
19. Windy, cloudy.  
20. Slabby, windy.  
21. Windy, dry; H. wind n.  
22. H. wind, wet ight.  
23. Wind, rainy ad 9 m. NE  
24. Frost m.  
25. Some dew.  
26. Frost Ely. 25.  
29, 30. Frost, bright Sum-  
mers day.  
31. Frosty, fog about Horizon.  
Febr. 1. Windy, close mist.  
stormy.  
2. Dry, windy, cold.  
3. Windy, mist. NW  
4. Windy, cloudy, dry.  
5. Frost; close, cold p. m.  
H. wind.  
6. Close, high wind. Ely  
7. Scotch mist; wet m. NE  
8. Idem.  
9. Warm, close.  
10. Spring weather. f. rain a  
night.  
11. Cold, sharp wind p. m  
12. Close, threatning. Mete-  
ors frequent about Lyra &  
Cygnus.  
13. Blustering wind, Storm  
of rain Sun set. & 6 p. 8  
8 p. Meteors neer Pleiades.  
violent storm 10 p. 26  
Jan. 28. Cometa, Hevelius.

1662. Ab. OH. 10. ad Nov. 28.  
9. Rain a. l.

10. Fog, rain, walls sweat. Ely.  
11. Warm rain 12 p.  
12. Drisle 7 m. 5 p.  
13. Fog, warm.  
14. Drisle m. warm.  
15. Drisle o. & p. m.  
16. Very warm.  
17. Fog m. warm.  
18. Foggy.  
19. Fog m. wind.  
20. Fog, warm, high wind 9 p.  
21. Rain a. l. wd fo vesp.  
22. R. a. l. 4 p. & 8 p.  
23. Much rain a. l. Meteors at  
n. seem to lighten.  
26. Windy.  
27. Wet, fog, rain at n.  
28. Showr 3 p.  
29. Rain a. l.  
30. Drisle 7 m.  
31. Fog, warm. Ely  
Nov. 1. Rain 7 p.  
2. Rain 1 p. & c.  
3. Rain a 9 m. ad noon.  
4. Rain hard a 5 m. ad 1 p.  
5. Fog.  
6. Drisle rain sub vesp. & c.  
8. Warm drops, Meteor.  
9. Some Rain.  
10. 17 is 8 m. Storm of wd and  
Rain 10 p.  
11. Very dark with violent  
Storms.  
12. Rainy m. H. wind.  
13. R. a. m. high wind.  
14. H. cold wind.  
15. Rain m. p. high wind.  
16, 17. Fog, frosty. Ely.  
18. R. a. 6. ad 9 p. fog.  
19. Warm. drisle by fits. SE  
20. Fog.  
21. Fog, R. die tot.  
22. Blustering *noft.* tot.  
23. ad 22. Fog, frosty, die 27.  
Snow a. l.

1663. Jan. 10. ad Febr. 2.  
10. Thick fog die tot. missing o.  
11. Ely.  
11, 12, 13. Foggy; frosty. Ely.  
14. Foggy, sleet noon.  
15. Foggy, f. drops 4 p. 10 p.  
16. Fog, warm.  
17. Fog and rain 8 p. & c.  
18. Snow m. thaw p. m.  
19, 20, 21, 22. Frost, foggy.  
23. Showr 1 p.  
25. Foggy.  
26. Rain 10 m. 4 p. 7 p.  
27. Rain 6 m.  
28. Snow, hail.  
29. Snow.  
30. f. snow m.  
31. Snow 6 p.  
Feb. 1. Offer to snow.

7

Iterum,



*Iterum, a March 22. ad May 3.*  
*δ Duplex.*

March 22, 23. Very cold wd  
 24. Storm of hail 6 p. ad 9 p.  
 25. Rain 1 m. & 7 m.  
 27. Cold wind, pinching. E.  
 28. Rain 9 p.  
 29. Rain and snow a. l.  
 30. Nippings wet, ice.  
 31. Cold wind, Equinoctial  
 Tides.  $\mathcal{H}$  28.

Apr. 1. Ice, offer 6 p. 2  
 4. R. a. l. wet m.  
 5. Rain m. hard at noon. Ely.  
 6. Rain by fits, thunder.  
 8. Shower at noon, warm.  
 10. Dry.  
 16. Cold.  
 17. Brisk wind, rain 8 p.  
 19. Rain m. & 9 p.  
 20. Showring 2 p. &c.  
 21. Rain p. m. tot.  $\sqrt{15}$   
 22. Rain p. m.  
 24. Rain 9 p. &c.  
 25. Warm shower noon.  
 36. Dry air m.  
 27. Rain.  
 28. Windy. 30  
 29. Drizzle.

May 1. High wind. Ely.  
 2. Hot. Ely.  
 3. Showrs. S E.

1664. Dec. 30. ad Feb. 16. An. 25.  
*Aspectus duplex.*

30. Offer to snow.  
 31. Windy offering.  
 1665. Jan.  
 1. Warm wind. Comet. N E.  
 2. Frost, windy. N E.  
 3. Wind north. preceded. snowing  
 Comet.  
 4. Snow a. l. 7 p. N E.  
 5. Vehement frost. Comet  
 seen.  
 6. Vehement frost. Comet  
 seen.  
 7, 8, 9, 10, 11, 12, 13, 14, 15.  
 Frosty. Ely.  
 16. Halo.  
 17. Offer'd Snow.  
 18. R. a. l. & 9 p.  $\mathcal{H}$  high  
 wind.  
 19. Dark and wet p. m.  
 22. f. rain o.  
 24. Snow a. l.  
 25. Snow hard, and hail 7 p.  
 Rain.  
 26. Rain all night; slabby.  
 27. Foggy, wet 3 m.  
 28. Drizzle 5 p.  
 29. Offer Snow 10 m. & 6 p.  
 N E.  
 30. Offer snow.  
 Feb. 1. Offering  $\odot$  occ. E.  
 3. Snow 10 p.

4. H. cutting wind.  
 5. Black Heaven, High wd.  
 $\mathcal{H}$  3. 6.  
 7. Very high wind a midnight  
 ad  $\odot$  ort.  
 Snow, wet 7 p. S E.  
 8. Windy m. p.  
 9. Windy.  
 10. Wind, wet a. m. 5 p. &  
 6 p. 14  
*Iterum, ab Apr. 2. ad 18.*  
 This is a sad Month for  
 Drought.  
 2. Suspicious. Ely.  
 3. Warm. Ely.  
 4. Warm m. Comet 4 m. a-  
 bout Andromeda.  
 5. Warm. Ely.  
 6. Dry, hot. Ely.  
 7. Comet vanished; suspici-  
 ous 9 m.  
 9. Mist, dry S E. & 10.  
 11. Warm.  
 12. Suspicious.  
 15. f. drops 11 m. Brisk wd.  
 16. Suspicious. N E.  
 17. Frost, dry day. E. N E.  
 Fog.

1667. A March 17. ad Apr. 6.

12. Fog, warm.  
 19. warm; offer o. E.  
 20. Halo n.  
 21. High wind, wetting.  
 22. H. wind north. tot. f. wet  
 a. l.  
 23. Some rain m. wetting.  
 24. Dropping.  
 25. Black and clouds; shower  
 p. & p. m. audible wind.  
 26. Hail; H. wind at n. frost,  
 ice.  
 27. Very cold and high wind.  
 Frost, ice.  
 28. Audible wind.  
 29. Warm.  
 30. Mist, gentle drizzle Sun  
 occ.  
 Apr. 1. Hot, dry, wind at n.  
 2. f. R. warm.  
 5. Warm.  
 6. Some hopes of Rain.  
 7. Fog, dry. 240. 17  
*Iterum ab Apr. 25. ad May 12.*

25. Some drizzle.  
 26. Cold wind.  
 27. Warm, dry. E.  
 28. Mist m. dry.  
 29. Some little rain even.  
 30. Wind, dry.  
 May 1. Warm, dry.  
 2. Troubled air.  
 3. Shower  $\odot$  ort. Rain, hail 1  
 p. 3 p. 5 p. refreshing the  
 Drought.  
 4. Wetting o. Fly.  
 5. Scarce hold up.

6. Stor my wind; drizzle 8 m.  
 7. Windy and showring.  
 8. Warm, some wetting Sun  
 occ. &c.  
 10. Hail at Kentish Town.  
 Stormy near London.  $\mathcal{H}$

1669. A May 28. ad June 11.

28. Showr noon & 1 p. 21  
 29. Heat p. m.  
 30. Showring 6 p.  
 31. Heat.  
 June 1. Blew mist, heat.  
 2. f. moisture m. warm.  
 3. Foggy m. Ely.  
 4. Warm. 5. Windy.  
 6. Suspicious.  
 7. Windy. Rain 6 m.  
 9. H. wind, warm.  
 10. Sudden Showrs circ. o. p. m.  
 11. Wind, shower 11 m. 18  
*Iterum ab Aug. 4. ad Sept. 1.*  
 4. f. rain a. l.  
 5. Soultry.  
 6. Warm. Ely.  
 7. Hot, wetting p. m. L. at n.  
 8. Hot and Lightning.  
 9. Rain and Lightning a. l. R.  
 and Th. 3 p. &c.  
 10. Rain by fits.  
 18. Hot m. shower 2 p. &c.  
 Meteor.

12. Close, some wetting. L.  
 & Th. Dreadful rain 10 p. &c.  
 13. Warm.  
 14. Da. h. m. o. coasting showrs.  
 15. Mist m. f. wet even.  
 16. Shower before, & a. m. Hot  
 night.  
 17. Some drops. Ely.  
 18. Fog a. l. warm S. sprinkling.  
 19. Fog 9 m. coasting showrs  
 sickly time.  
 20. Some wet noon.  
 23. Fog, warm.  
 24. Soultry.  
 25. Meteors, soultry.  
 26. Heat 2 drops.  
 27. Heat, mist. Lightning and  
 Thunder.  
 28. Mist, warm.  
 29. Terrible Th. Sun ort.  
 30. Fair, coasting showrs, wd.  
 Th. clap. 2 Grampasses at  
 Greenwich.  
 Sept. 1. Warm, Lat n. Bill of  
 Mortality 665. 8

1671. A May 12. ad June 25.

12. Very hot, shower.  
 13. Soultry.  
 14. H. wind, shower 2 p.  
 15. Shower.  
 16. Shower  $\odot$  South, & 4 p.  
 18. f. rain p. m.  
 19. R. 8 m. coasting, drizzle p. m.  
 20.

20. Rainy m. p. & even.  
 21. Rain 1, 3, 7, 8 p. f. hail noon.  
 22. Rain 10 p.  
 23. R. dash, thunder-clap at o. frequent p. m.  
 24. R. coasting. Th. Clap at noon.  
 25. Drizzle m. rain *sub vesp.*  
 26. Wet a. m.  
 28. Shower prospect a.m. & p.m.  
 29. Warm.  
 30. Rain o. & 1 p. warm. S E.  
 31. R. by fits, high wind a. m.  
*June 1. Rainy.*  
 20. Showrs at least.  
 2. Warm and showing.  
 3. Threatening Ely. *Halo* ☽.  
 5. *Morand Church* fired by Lightning at *Venice*.  
 7. Rainy at n.  
 8. Rain 5 p. H. winds midn.  
 9. Stormy winds, coasting showrs 1 p.  
 10. Dash 10 m.  
 12. Rain 3 p.  
 13. Stormy winds, R. 1 p.  
 14. Stormy wds, R. 10 m. dash 7 p.  
 15. Showrs 5 p.  
 17. Warm, dry. S E.  
 18. Hot. dry. Ely.  
 19. Dry. NE.  
 20. Shower in prospect wd variable.  
 22. Hot, foggy m.  
 23. Soultry, dry mist m.  
 24. Soultry, dry,

25

1673. *Jul. 15. ad Aug. 4.*  
 16. *Tuffon*, Note marginal MS.  
 15. Hot floating Clouds.  
 16. Hot.  
 17. Wetting 9 m. drizzle p. m. 2, 5 p.  
 18. Dry.  
 19. Hot a. m. very soultry. 2 drops.  
 20. Hot shower in prospect.  
 21. Hot.  
 22. Hot.  
 23. Hot p. m. & n.  
 24. Soultry p. m.  
 25. Shower 8 m. hot.  
 26. Drizzle a. m. & p. m. warm.  
 27. H. wind.  
 28. Showing 10 m.  
 29. Showing.  
 30. Wetting 8 p.  
 31. Wetting m. p.  
*Aug. 1. Rain midnight, coasting shower.*  
 3. Rain ☾ rise, high wind 10 m.  
 4. Warm.  
*Iterum, Sept. 12. ad Oct. 6.*  
*Aspectus duplex.*

12. Wind and rain a. l. wet p. m. Fog m. Rain 10 p.  
 4. Drizzle 9 m. & 4 p.  
 5. Very cold.  
 16. R. a. l. & a. m. hard, with wind 8 p.  
 17. Furious Tempest *noct. tot. praced.*  
 18. Rain by fits.  
 19. Wind and rain *ante lucem.*  
 20. Rain 4 p. 8 p. 10 p.  
 21. Very wet *noct. praced.* H. wind. Rain a. m. *feve per tot.*  
 22. Rain o. & p. m. *tot. S E.*  
 23. Snow Sun *ort. ad 8 m.* H. wind a. m.  
 24. Very warm, troubled air. wetting m. p. short Meteor.  
 26. Wetting a. m. & p. m.  
 27. Wet m. p.  
 28. Gollamere. Ely.  
 29. Drizzle Sun *occ. & 11 p.* Plague at *Constantinople.*  
*Oct. 1. f. drops.*  
 3. Windy, wetting 1 p.  
 4. Cold and winterly T. M. at *St. Domingo.*  
 7. Shower 3 p. & 9 p.  
 9. Foggy a. m. wetting 10 m. p. m.  
 10. Wetting noon.  
 11. Wetting, warm, Rain a. l. & a. m. *per tot.* Very high wind.  
 12. Rainy a ☉ *ort. ad o. R. p.* m. Raging wind. E. morn. S. noon.  
 13. Shower coasting.  
 14. R. m. p. N E. M. S E. noon.  
 15. Tempestuous wind.  
 16. Wetting 8 p.  
 17. Showing 9 p.  
 18. Tempestuous wind *die tot.* R. 1 p.  
 19. Wind variable.  
 22. Mistling.  
 23. Hot.  
 24. Wet.  
 Aches and fits.

1675. *A July 4. ad Aug. 6.*  
 4. f. drops, hot day, Small Pox at *Oxford.*  
 5. Soultry afflicting weather.  
 6. Soultry.  
 7. Hot. Ely  
 8, 9. Hot, dry. 10 Ely  
 11. Hot, wind even. Ely.  
 12. Wind Ely. warm.  
 13. Wind at noon, warm.  
 14. Offering 11 m.  
 16. Windy, R. threatn.  
 17. R. 9 m. & p. m.  
 18. Some drops.  
 19. Very cold, rainy 9 p. &c.  
 20. Rain 4 p.

21. Wet *die tot.*  
 22. Rain.  
 23. Wet 2 p. 3 p. *Forest hill* Rain, Thunder.  
 24. R. 9 m. very windy, dark.  
 25. Very windy, rain.  
 26. Rain, dark, hot.  
 27. Windy *die tot.*  
 28. Rain *noct. tot.*  
 29. Hot.  
 31. Rain *die tot. fere.* Bad Weather.  
*Aug 1. Rain die tot.*  
 2. Windy. 6  
 4. Hot Ely. foultry night. *Iterum a Sept. 22. Oct. 13.*  
*Sept. 23. R. at midnight.*  
 24. R. 4 m. 9 m. H. wind, warm.  
 25. Stormy *noct. praced.*  
 Dash 2 m. wet 2 p.  
 26. Shower 2 p. 4 p.  
 27. Fog m.  
 28. Dark m. Rain 3 m. 7 m. 9 m.  
 29. Windy.  
 30. 2.  
*Oct. 1. Frost, ice.*  
 2. Rain 6 m. Fog. Ely.  
 5. Fog.  
 6. Rain 7 m. Warm.  
 7. M. wind, mistling.  
 8. H. wind *noct. praced.* showrs 6 m.  
 10. Clouds contrary.  
 12. Frosty, foggy.  
 13. Warm. Indispositions. Dry weather, the Country man could not sow.  
*Iterum, a Dec 75. ad Jan. 10.* 76.  
 2. Fog, temperate.  
 4. Dark mist.  
 5. Fog, dry.  
 6. Some rain 7 p. H. wind.  
 7. Close, dark, warm.  
 8. Stormy wind 4 m. R. 7 m.  
 9. Fog, offer 10 m.  
 9. Rain a. l. 2 p. 8 p.  
 10. Rain a. l. 3 d. warm, wdy.  
 12. Dash of rain, windy.  
 13. much Rain 5 m. Dark, windy.  
 14. R. midnight 12 m. Chimeys blown down, dash 8 p.  
 15. High wind at n. warm, wet p. m.  
 17. High wind at n. rain 11 p.  
 18. Much rain 4 m. wind.  
 19. Rain 10 p.  
 20. Rain 10 m. o. 7 p. &c.  
 21. Rain p. m. m p.  
 22. Windy day.  
 23. Dry, wind. 9 Ships cast away in *Mounts bay.*  
 24. Drizzle 11 m.  
 25. Rain 6 p. Loss at *Sea. Gazer.*  
 26. High wind, warm, storm of rain.

27. Rain 4 m. 6 m. Hurricane.  
29. Rain hard 4 m.  
30. Rain 4 p. fog m.  
Dec. 11. The Plague very violent in the *Turkish* Territories.

1676. Jan. 1. Fo Ely.  
3. Wetting p. m. Ely.  
4. Fog, very dark. Ely.  
5. T. M. in *Worcestershire*.  
7. Drizzle 7 m. N E.  
8. Misty. Ely.  
9. Fog; some moisture 5 p.  
10. Some wet m. 3 p. 6 p. Ely.

17

1677. A Sept. 8. ad Oct. 28.  
*Duplex* 8.

8. Fog Ely. Meteor *ab int.* in occ. by *Ophiuchus*.  
1. Fog; H. wind; Meteor near  $\Delta$  and *Pegasus*. Two more near *Engonasin*.  
Firedrake in *Montfelds* 7 n.  
10. Some Fog; Meteor 10 p.  
11. Fog, warm; brisk wind. Ely.  
12. Fog, *fla*, warm; brisk wind.  
13. Plague broke out again *Grand Cairo*. Fog, hot, showr 11 m. high wind 4 p. S E.  
14. R. 2 m. Meteors near  $\vee$  Horns.  
15. Fog; warm Meteor *ab A. qu. man. sin. ad Jovem*.  
16. Fog, dash *ab 8.* ad 10 p.  
17. Warm night, showring 7 p.  
18. Fog m.  
19. Fog, frofs. Ely.  
20. f. drille 3 p.  
21. Rain *ante* 3 m. 10 m. Showr. 2 p. dark.  $\delta$   $\eta$  *Nadir* 2 p.  
22. Warm n. f. rain, wd m. 9 p.  
23. Warm rain 2 p. hot night.  
24. Dry, warm.  
25. Brisk wind, warm.  
26. Rain *circa* 4 m. Plague at *Cracow*. *Gazet.* 1242.  
27. Warm, high wind.  
28. Rain 5 m.  
29. Fog m. brisk wd; some Rain.  
30. Showring 3 or 4 times; warm.  
Oct. 1. Fog, ropes.  
2. Halo at night.  
3. Fog; smart showr 4 p.

4. Frost, Showr, *Halo* 10 p.  
5. Some dew; rain 9 p.  
6. Drille; wind round the Horizon.  
7. Drille. N E.  
8. Fog; wind and rain.  
9. Fog; some wet 7 m. & 11 p.  
10. Fog; Meteors 11 p. about  $\vee$ .  
11. Dash and high wind.  
12. Foggy *die tot.*  
13. Rain and hail 2 p.  
14. High wind, dash 10 p. Meteors. Shipwrack at *Bridlington bay*.  
15. Fog; hard frost.  
16. Fog, brisk cold; wind very cold by all confession.  
17. Frost, fog; drille 11 p. Ely.  
18. R. n. t. & wet m. *Horn* fair spoiled.  
19. Fog m. drille 9 p. Ely.  
22. Rain noon, & p. m. dark.  
24. Winter morn, and dry day.  
25. Fog, winter day. Ely.  
26. Fog, winter day. Ely.  
27. Fog. N E.  
28. Brisk wind, fog 2 p. NE.  
Die 22. Storm at *Swansey*: not the like, yet no great damage. 30

*Interm* a Dec. 6. ad 31.

6. Fog. Ely.  
7. Rain *ante* 9 m. 3 Meteors, 2 bright ones.  
8. Some rain 5 m. & 9 m. H. wd m. p.  
9. Fog, rain a 1 m. Meteors; rain and blow much.  
10. H. winds *noct.* tot. ruffling, drille.  
11. R. *ante* 2 m. Meteor 6 m. flaring.  
12. Fog S E. high wd, r. hard 3 p. Meteor near *cor*  $\delta$ .  
13. f. rain *ante* 7 m. high wd, drille o.  
A flash of Lightning 8 p.  
14. Tempestuous wind *nocte tota*. rain 5 m. Meteor 7 p. 9 p.  
15. Fog, wetting; dark day. Ely.  
16. Fog. N E.  
17. Fog. Ely.  
18. Frost m. N E.  
19. Ice; fog below.  $\vee$  3.  
20. Tearing Frost, fog. Ely.  
21. *Thames* froze at *Putney*; sinking grofs fog.  
22. Frosty, fog.  
23. Wind p. m. Ely. some rain.

4. Wet a. l. foggy, some rain p. m.  
25. Foggy Ely. Rain at night.  
26. Foggy. Ely.  
27. Wind and wetting a. m. damp wall. Tempest 11 m.  
28. High wind.  
29. Frost, fog m. and *die tot.* 2 Meteors; though  $\Delta$  shine.  
30. Grofs fog; frost and dark.

1678. a Feb 16. ad Apr. 3.  
*Duplex* 8.

16. Mist m.  
17. Mist. Nly.  
18. Frost, mist. Ely. Meteors 8 p.  
19. Frost, mist; f. dewing 11 p. rain.  
20. H. wind p. m. & m. p.  
21. Rain m. o. 7 p. 11 p. high winds.  
22. Wind.  
23. Misty, wd.  
24. Rain 4 m. 5 p. Ely.  
25. High wind n. t. Snow 6 m.  
26. Sharp wind. Meteor 5 m. near  $\vee$ .  
27. Frosty, vast *Halo* 9 p. Ely.  
28. Fog, dark.  
March 1. Showr 10 m. dark p. m.  
2. Some drops 8 m. & 8 p. warmer.  
3. Some rain, coasting showr, short Meteor.  
4. f. rain 6 m. show 10 m. & 1 p.  
5. Snow a. l. cutting wind, sn. *Hail* 1 p.  
6. Wind and showr 4 p. 11 p. Ely.  
7. Mist, dry. Ely. Variable.  
8. Brisk wind N R. drille.  
9. High wind, wetting p. m.  
10. Rain 4 p. S. scarce sensible drops. S E.  
15. Rain 2 m. Meteor near *Corona*.  
12. Warmer mist m. Meteor. under *praepe*. Bright Meteor  $\eta$  acc.  
13. Misty.  
14. Mist m. Ely.  
15. Brisk wind, very high. R. 1 p. 2 p.  
16. Rain a. l. & 1 p. coasting p. m. m, p. H. wind.  
17. R. a. l. 10 m.  $\eta$  c. wind p. m.  
18. H. wind. Showr 1 p. 2 p. 6 p. news of wracks cast up, with dead men a *die* 16.  
March 19. Rain p. m. 5 p. Aches. A a a a



20. Rain 8 p. stormy wd and Rain. S E.  
 21. Great rain ante 4 m. high wd. S W.  
*Elizabeth of London* cast away.  
 22. Gr. hail 1 m. Very h. wd. yet fair. S W  
 23. Great rain ante 4 m. warm coasting shows 7 p. Ely.  
 24. Very warm a. m. Aches. Ely.  
 25. Very cold. Ely.  
 26. Cold wind. Ely.  
 27. Frost m. cold, Indispos. Ely.  
 28. Mifty, fine rain 10 p. Ely.  
 29. Black Heaven, some drops offer, snow 7 p. Ely.  
 30. Frost, ice, Sun *rutulus*. Ely. *Meteors ante nonam*, one near *Pleiades*.  
 31. Cold, misty, coasting; moisture discerned. Ely.  
 Apr. 1. Wetting 5 p. N & E.  
 2. Some moisture 3 m. and 6 m. brisk wind, Hail; Meteor *ante nonam*.  
 3. Cold, high wd, little scuds 9 m. 3 p. 15

A<sup>o</sup> 1679. Dec. 9. <sup>no</sup> 11. a  
 Novemb. 27. ad Dec. 25.

27. Gr. fog, drisse ante 8 m. & Ely. o. & 7 p. misle 9 p. ad 11 p.  
 28. Fog, close m. p. Sly.  
 29. Sharp wind, some drisse. Ely.  
 30. Close fog, cold *vesp.* cold in bed, *mane*; drisse o. p. m. & m. p. Ely.  
 Dec. 1. Fog, wet m. p. shower 2 p. N E.  
 2. Fog, frosty day. Sly.  
 3. Gross fog; Sun *rutulus*. frost m.  
 4. Very great fog; Ice two inches thick.  
 5. Very great fog. Ely.  
 6. Very great fog. Ely.  
 7. Very great fog; rain a. l. misle a. m. & ante 5 p. Nly.  
 8. Fog, close m. p. H. wd 9 p. Wly.  
 9. Rain and wind 1 m. Wly.  
 10. Rain 1 m. & 9 m. sharp wind. Wly.  
 11. Snow 2 p. & 2. Nly. Very high wind 9 p. Sly.  
 12. Frosty, fog. Nly.  
 13. Frost. offer Snow 10 m. & o. misle p. m. Wly.  
 14. Very great Fog, thaw. Wly.  
 15. Fog, wetting m, p. dark. Wly.

16. Very great fog, frost, drisse o. 5 p. Ely.  
 17. Very great Fog, drisse ante 8 m. Wly.  
 18. Warm, high wind, dewing 10 p. Wly.  
 19. Warm, brisk wd. Wly.  
 20. Fog, H. wind; rain 1 m. snow 1 p. W.  
 21. Fog, frost; snow 10 m. m. c.  
 22. Frosty, high wd, snow 1 p. Nly.  
 23. Frosty, sharp wind. Tower-ditch frozen; very gr. Fog. Wly.  
 Extream frosty, hail circa 6 m.  
 Dec. 10. Storm for three days and nights; several Ships cast away, *Holy head Gazette*. 1468.  
 5. Brussels very great fog. *Gazet* 1468.

A<sup>o</sup> 1680. March 11. <sup>no</sup> 24.  
 a die 2. ad 20.

March.

2. Cloudy and cold ab x<sup>1</sup> m. ad *vesp.* N E.  
 3. Frost m. snow, hail, rain circa 1 p. N E.  
 4. Hard frost, streets froze. N E.  
 5. Frosty, bright. W. S W.  
 6. Frosty, some hail and R. o. again 2 p. Clouds in W. with Hillocks.  
 7. Snow and hail ante 9 m. again 10 m. sharp wind. Wly.  
 8. H. wind, snow as Sun occ. cutting wd. Nly.  
 9. Fr. high wd, rain and in. circa o. p. m. Wly.  
 10. Very cold winds l. in. <sup>o</sup> occ. N W.  
 11. Hard frost, cold sharp wd, Aches. N W.  
 12. Rain a 2 p. ad Sun occ. Aches. N W.  
 13. Rain 8 m. wet day, H. wd, some snow Sun occ. N W.  
 14. High wind *noct.* tor. and h. frost, snow 7 m. & 10 m. very cold and blustering. N W.  
 15. Fair, white Clouds, some mist p. Sun occ.  
 16. Mifty, cloudy, fair; very cold at n. E.  
 17. Fog, Clouds fly low 8 m. Ely.  
 18. Fog, ropes on ground. E.  
 19. Fog. overc. 11 m. close p m. H.

20. Rain a. l. & Sun *ori.* *etc.* Smart shower 4 p. In *Torkshire* snow up to the knee in 24 hours. 25  
*Iterum* Platick. Vide in ♂ & ♀.

A<sup>o</sup> 1681. Feb. 26. <sup>no</sup> 29.  
 A die 18. ad Apr. 2.

- Feb. 18. High wind, some R 1 m. and 10 m. Sly.  
 19. Warm. Sly.  
 20. Warm, f. wetting 4 p. 7 p. sat n. Ely.  
 21. f. rain 8 m. H. wd, Indispos. R. 8 p. Sly.  
 22. Fog, warm rain a 5 p. S W.  
 23. Fog, shower circa 2 p. W.  
 24. Great fog, rain a 9 m. <sup>h</sup> in *Nadir* per diem tot. Aches Nly.  
 25. Rain n. & a. m. close p. m. and Foggy, distempers; Small Pox in the Country. Ely.  
 26. Rain m. misty.  
 27. Cloudy, some rain ante 4 m. Nly.  
 28. Dark o. rain 2 p. distemp. Wly.  
 March 1. Fog, closing p. m. Sly.  
 2. Scarce open m. cold *vesp.* N E.  
 3. Fr. m. rain. E.  
 4. Great fr. SW  
 5. Frosty. SW  
 6. Some hail and rain o. ap 2 p.  
 7. Snow, hail ante 9 m. so 10 m. p. m. Aches.  
 8. High wind and snow *med.* *noct.* *prac.* some snow ante <sup>o</sup> occ. cutting wind.  
 9. H. wind, R. and snow o. & 8 p. m. Wly.  
 10. Very cold wd, little snow p. Sun occ. N W.  
 11. Fr. sharp wd. Aches. N W.  
 12. R. gentle a 2 p. ad Sun occ. N W.  
 13. Very wet o. cold, H. wd, wet p. m. N W.  
 14. H. wind *noct.* tor. snow 7 m. & 10 m. N W.  
 15. Boyes sicken. N W.  
 16. Foggy. E.  
 17. Fog, cold, Aches. Ely.  
 18. Fog, ropes, warmer, Aches. Ely.  
 19. Fog.  
 20. Rain a. l. smart shower 4 p. Ely.  
 21. Some wetting 4 p. 6 p. 10 p. Wly.

- Faintness.
22. Much snow, stormy wd, feels with a winter face. N E.
23. High wind *noH.* tot. tempest at *Harwich*.
23. H. wind 9 p. &c. Wly.
25. H. wd, showr 10 m. cold. N W.
26. Very cold day, Ely m. Wly p. m.
27. Rain *ante* 8 m. & *ante* 2 p. Wly.
28. H. wind, rain *ante* 5 p. 6 p. 7 p. N E.
29. Cold, dark, and windy. Nly. Ely.
30. Hail 11 m. wind and showr 0. 3 p.
31. Cold wd flying clouds, Meteor 8 p. near *Andromeda*. Ely.
- April 1. Cloudy m. some wd, open p. m. Ely.
2. Cloudy m. open, H. wind N or. S E.
- Iterum, May 24. 3. A May 17. ad 31.*
17. Clouding, brisk winds, *Iris*. S E.
18. Warm, fair; brisk wind. Wly.
19. Fog m. hot. E.
20. Clouds gather as for rain; some wind. Wly.
21. Hot mist m. mist at n. Ely.
22. Mist m. Thund. and Lightning on this side m, in the Horizon. E. at n.
23. Cloudy m. f. rain a. m. & *ante* Sun ort. 6 p. & 7 p.
24. Close m. wetting ab 9 m. p. m. N and S cast such a lustre on the clouds, as if the Moon were up.
25. Open m. clouding.
26. Cloudy, open wind, and a little rain. W.
27. Cool wind, some clouds.
28. Fair, dry, warm; f. rain p. m. W. and at n. S.
29. Dry, fair, foultry p. m. S E. Ely.
30. Hot, misty air. S E.
31. Mist m. H. wind *ante* 0. &c. heat; Clouds gather in N W. showr at 8 o'c. till 10 p. with Thunder; wd at n. and cloudy!

§ 40. Have not we somewhat to do to bring in a Table of 853. days for so trivial a thing as an Aspect? Truly upon that account I Clap't it into 3 Columns; that it might not spread it self, though the Reader knows my mind, that I count not any Aspect a trivial thing, the Treatise will be lame and mutilous after all; yet I would not have it destitute of a Limme that was substantial, or one of its vital Parts. Every jot of the Table will be in Season whensoever our Two Planets greet one another; especially to the careful Observer of Inferiour Nature and its subordination to the Superior, I was willing with the Antients to vote a Dryth in the Planet ♄, but notwithstanding more or less, our Aspect brings Moisture almost 500 days of the 850. in the Total.

§ 41. I would venture to one Conjecture before we part, wherefore this Aspect should produce fits of Wet, as is seen § 20. and something must be imputed to ♄, either his Nature, or his motion Annual, or Diurnal, *That*, when he shifts into another degree, *This*, while he takes his turn, saluting the Cardinal Points, hand in hand with his Consort, or as in some Country-Dances an Handkerchief may be between them. But by what hath bin said in the Lunar Sextile, the Fits of Rain, I believe, are justly imputable to the Nature and Motion of all: Annual in the ☿ and ♄; Diurnal in the rest; for the ☿'s shifting for her part, is undeniable, out of dry into a Wet Corner. In the mean time, let us have leave to ask our Dissenter, what is the reason of those sudden Storms, which by fits surpris us, when the former Showr being blown over, a Second appears oft-times more violent than the First? What is the reason of this *Diabetes Celestial*, when the Clouds are so often dropping, and can't hold, he has heard how we *CANY* of Motions and Aspects &c. I would be glad to hear him speak to it intelligibly.

## CHAP. IX. § 10 h

## Conjunction of Sol and Saturn.

§ 1. h before  $\gamma$ , by Laws of Method, must be discoursed of, being the easier Planet. 2. Saturn of a dull Visage, and yet called  $\phi\alpha\nu\omega\nu$ , with the reason. 3. A vast Planet, 4. The Aspect appears once in a Twelvemonth. 5. Our Ancestors have not left us a Diary of 30 Years for Saturn. 6. The Aspects Character. 7. Virgil, Seneca, Epigines, &c. Testimonies. 8. Character made out. An unquestionable notion of Dominion. 9. & 10. In Winter Signs  $\nu$  and  $\pi$ , it causes Frost; nay Frost grows upon us, as  $\delta$  passes from  $m$  downward. 11. Some Frosts in August. The Table. 12. How Saturn mingling with the Sun can cause Cold. 13, 14, 15, 16. Cold seems to be a privation, is indeed a Spirit. Some offer of proof. 17. Saturn is not so horribly cold with us, for he Rains more than Snows. 18. h finds a time for cold Days in Summer. 19. And yet he can Thunder and Lighten, and that with Danger. 20. Prodigious Hail. The Aspect causes Snow at distance from the Partile Aspect. 21. Red Clouds, Rainbows, Halo's. 22. Yea and Winds also, as Epigenes hath noted. 23. Foreign Evidence remitted to another place. 24. Some Sober men are of our Principle, Vicount St. Albans, Sir Walter Raleigh, and Gerard Vossius.

§ 1. Saturn is the Highest Planet, of incredible distance; so high, that it scarce admits any sensible Parallax, as Artists periwade; and yet we are forced, though we strain our selves, to reach at him out of Course, by the due Laws of Method, which prescribes us to premise, what is of more easie Consideration, that way may be made for what is more difficile. Such, we reckon is the Planet of Jupiter: for though Jove be the Inferiour, and so seems to be less remote from our preception, yet that is no necessary consequence in Nature, as we may see in the motion of the Neighbour Planet  $\delta$ , which though it be less remote than  $\gamma$  or h, is harder to be understood. Nature is fond of a Knot sometimes, though she hath made none in a Bulrush. [But the Nobler Vegetables are so full of them that without them there is no Fruitfulness; no not a Bud shows its Head.

§ 2. Saturn, if we spy him in his Orb hath no promising Countenance, a dull, heavy Aspect, of a Palish or Leaden Gleam; upon which account they ascribe that Metal to this Planet: so that if an Astrologer should tell a Novice, pointing to that Star, that it had a considerable Influence, he would tacitly pronounce the Dictator more dim-sighted than his Star. So that I wondred why the Antients call'd him *Phanion* ( $\phi\alpha\iota\nu\omega\nu$ ) but that *Achilles Tatius* tells us, that he is called by so bright a Names, though he be the dullest Star, ( $\pi\alpha\iota\tau\omicron\iota\delta\iota\mu\alpha\nu\epsilon\iota\varsigma\alpha\lambda\phi\omicron\upsilon$ ) for good Omen sake, ( $\epsilon\gamma\tau\alpha\tau\omicron\delta\iota\mu\alpha\nu\epsilon\iota\varsigma\alpha\lambda\phi\omicron\upsilon$ ) by the Greeks and Egyptians.

§ 3. However, the Novice may be admonished, therewithal to beget an Opinion of h, that the Antient Astronomers reckon him to be even as vast a Star as  $\gamma$ ; and while the Moderns say he is twice as big as  $\gamma$ , and ten times as big as the Earth; that is, 5 times, (for 'tis *Keplers* opinion we point at) as big as  $\delta$ , we see it may do mighty Feats.

§ 4. 'Tis



§ 4. 'Tis about 30 years that this Planet runs his course in the Zodiack, and therefore his Conjunction with the Sun throughout all the Twelve Signs cannot be observed, but by a Long-liv'd Observation, for which we offer up our thanks to Heaven. Howbeit, once in the year the ☉ and ♄ do salute us, and invite us to note that Influence, which the well-employed Ages of the World in old time have so often experienced.

§ 5. A Table of 30 years Revolution would have been a Rarity 30 years ago; For our Ancestors have left us no such Legacy that I know, at least not to the publick; therefore however the Reader shall value it, I must offer again my Solemn Thanks to the Great Author of Life, who hath enabled his poor Homager to perfect it.

§ 6. The Character of our Aspect from Ptolemy and others lies thus; It produceth Cold, and Frost, and Misty Weather, Clouds and dark Air, with Snow, where he mentions Rain, Hail, Inundations, &c. Diseases proceeding from Cold, Death of Antient Men, &c. that we mention no more. — Albumazar admits all that of Ptolemy, but he harps upon Dryth more, ♄ being reckoned a Dry, as well as a Cold Planet.

§ 7. Nor is it Ptolemy only, we have other Contemporaries or Seniors, which speak on this fashion, as before we had Poets and Philosophers, Virgil, Horace, Seneca, Epigenes, Figulus, in Lucan, &c. and the Greeks. As many as have reckoned ♄ noxious, have reckoned him Cold, Sallust, Porphyry. Upon this account Virgil's interpreter to shew his Learning, expounds *Frigida Saturni Stella* i.e. *Nocens*, saith he; so for the Colds Influence, No body doubts the Antients minds, nor for the Rain, Hail, Inundations; for Figulus in the Poet tells us, that ♄ in ☿ may cause Flouds, *Summo si frigida celo Stella nocens nigros Saturni accenderet ignes* (a Verse where ♄ is painted in his colours) *Deucalion eos fudit Aquarius ignes. Lucan. Lib. 1.* And whereas the Poet bids his Rustick be so Weatherwise as to observe ♄ and ☿ in some Verses before quoted Servius, I profess gives Light to his Poet, by telling us under what Signs ♄ brought Rain for Italy, viz. Capricorn illustrating Horace from thence. *Hesperia Capricornus unda.* Where he further tells us of a Sign for Hail, Hail in Scorpio, Grandines, Epigenes, who learned what he had from the Chaldean, enlarges our Character after he hath told us that ♄ ☿, ♄ ♄, ♄ ☉, are cold and windy, and help to inspissate the Air, even so, according to his Principles, the Framing of a Comet; he adds that the Opposition of ☉ and ♄ may Thunder. We promise you, if ☿ stands by, and consents, apud Senec. N. Quest. Lib. VII. in the same tone is Servius also.

§ 8. That which may be made out by our Table is the Cold, the Frost, the close muddy dark Air, or Misty or Hazy, as Ptolemy and Albumazar agree. For that I have said is the *Humiditas Horizontis*, found in the *Mareth* of Sol over ♄. Eschuid. fol. mihi, 33.

This Character, I say, may be made out; for though the Definition, as worded in the Antients, makes a great Noise of *Frigus Horrendum*, and Sicknefs, and Famine, and Murraings of Beasts, yet this is to be understood, not in our Country, nor of every Conjunction at what time of the year forever, but of those only where the Planet hath Dominion (i. e.) some advantages by its Situation in respect of the Earth, (a Dead-Winter Sign, suppose, or the like) under which Notion no man of Sence can deny Dominion, but must admit it for Antiquities sake, at least as a tolerable Experiment. And not without reason; for if the ♄ and the Stars govern the Night, and that be well said, because the Night is the more illuminate by their presence, than the ☉ and ♄, when in a Hyemal Conjunction, govern the Winter, because Wintee is the Colder for that familiarity. So far am I an Arab.

§ 9. For how comes it that in *Decemb. A<sup>o</sup> 1667.* you meet with Horrid Frost; and *January 1667*, which is the very next Syzygie, Bitter Frost: and *Jan. 1669.* and *Febr. 1670.* if you please to consult the Table: and how comes it that the Frost grows upon every  $\delta \odot h$ , as it descends by  $m \uparrow$  gradually, towards the Winter Tropique, where usually (not always, I confels for *February* and *March* perhaps, is capable of a *Saturnine Cold*;) usually I say; you meet with *long*, fierce, tiring Winters.

§ 10. That this should be most apparent to our good Readers, we have begun the Table at the Close of *September*, that all the *Winter Months* might lye together, and be first presented. Which Division reaches from *Michaelmas* to *April 22.* (such a Portion of the year being capable of Snow, may be reckoned Winterly.) Now, if it be observed, I say, How Frosty Mornings or Days grow upon our Clime in those Months wherein  $h$  accompanies the  $\odot$ , so that when he comes to  $\nu$  and  $\equiv$ , we may look for hard Winters, whatsoever may hap at other times: He may acknowledge that the Frost starts in the oftner upon such advantage.

§ 11. What if in *August* Month we meet a Frost, and the First Frost of the Year? I hope (though we stand not much upon that) under the  $\delta \odot h$ . See the Table.

$\delta \odot h$  intra Grad 10. Hyemal part.

*A<sup>o</sup> 1657. Sept. 22. ☾ 9.*

10. Very wet 2 and 4 m. very violent 8 p. N E.
11. Muddy, offering; flying cl. N E.
12. Offering misle; fair sub  $\odot$  occ. N E.
13. Wet m. muddy, misty. N E.
14. Wet ante L. close, misty. N E.
15. Clouds fly low. Lowry o. N E.
16. Windy, overc. m. white cl. N E.
17. Cold, misling p. m. N E.
18. Wet circa Sun ort. N W.
19. Frost very cold. Wd blew hard at the Downs. N W.
20. Mist, frost, cold. white cl. thick o. Ely. S E.
21. Fr. bright. Very high wd sub occ.  $\odot$  but calm. E. S E.
22. Fr. mist, very cold and h. wind. cloudy m. p. specially at n.
23. Scarce frost, temperate, Cloudy. S W.
24. Wind and coasting shower o. f. rain and hail. N E.
25. Much rain ante L. wet and bluster p. m. not so much at Wickham.
26. H. wind no $\delta$ . ter. Dark, offer 2 m. red cl. at night. N E.

27. Wind audible 2. L. frost m. f. overc. red clouds; Eastward Sun occ.

28. Wind no $\delta$ . Fr. clear, very cold wd. N W.
29. Fair m. striped cl. cold, f. moisture Sun occ. N E.
30. H. wind, driving showers 2 p. cold. N E.
- 1 Octob. Dark, cold wind. N E.
2. Close, milder. Fila. ground-mist. Meteor. N E.
3. Mist, cobwebs, f. drops 7 p. N E.

*A<sup>o</sup> 1698. Oct. 4. ☾ 21.*

23. Sept.
23. Rain 4 m. H. wind and wetting 8 p. Nly.
24. Wind, wet m. & 5 p. m.
25. Drifling 4 p. 7 p. H. wind. N W.
26. Some rain 11 m. N W.
27. Cobwebs, some rain 1 p. N W.
28. Winds and wet 3 m. N W.
29. Warm, some drifle m. S W.
30. Warm, Cobwebs, overc. S W.
- Vehement wd blowing down Trees.
- Oct. I. Warm, drops, Cobwebs. N W.
2. Wind, Cobwebs, overcast, Ground-mist. N W.

3. Frost, mist, with ropes showe, cold, overc. 4 p. N E.

4. Close m. cold, fair m. p. N E.
5. Rain 4 m. dark, misty, wetting m. p. S W. N W.
6. Close, muddy air d. a. rain 8 p. very wet, &c. S W.
7. Store of wet, abund. p. m. till 8 p. S E.
8. H. wd, overc. o. coasting. showers Sun occ. N E.
9. Frost, bright, cold, wind; Meteors fly. Wly.
10. Frost, ice, ropes, warm. N E.
11. Frost, mist, ice, cobwebs, thickfog 9 p. Wly.
12. Fog m. moisture. Ely.
12. Dark and cool, misling p. m. blew mist. Ely.
14. Some drifling, wet 2 m. so o. & p. m. Ely.
15. Rain die ter. warm, black, Thunder, clouds; overc. n. Sly.

*A<sup>o</sup> 1659. Oct. 17. m 3.*  
*Ab Oct. 6. ad 28.*

6. Fair, Rain and close.
7. A glorious day, rain n.
8. Very fair, Sun shine, cold night.
9. Warm, thick Skie and rain.

10. Close warm weather  
11. Cloudy, warm rain at n.  
12. Some rain.  
13. Frost, and a glorious day  
14. More warm, & rain.

15. Rain a. m. fair, ☉ shine  
p. m.

16. Fair, cool a. m. overc.  
p. m. High wd. at n. some  
drizzling. Wly.

17. Rain 3 m. & a. m. clouds  
stored, dropping 1 p. shower  
5 p. H. wind. W.

18. Cloudy m. p. some drops  
☉ occ. Ely.

19. Fog m. close p. m. wet-  
ting 4 p. 6 p. Wly.

20. Fog 3 m. fair, dry. N W.

21. Frost 10 m. fair, tempe-  
rate. N E.

22. Fog, close, opening 2 p. N E.

23. Close m. lowering 1 p. m.  
cold; dropping 5 p. and a  
Shower. E. S E. Ely.

24. Fair n. fr. cobwebs, clouds  
low; overc. p. m. & 7 p. N W.

25. Wd. n. fr. tot. wet a. 2 m.  
close, some rain 7 p. Ely.

26. Fair n. warm; gentle R.  
3 p. red clouds at E. S W.

27. Fog n. fr. tot. & o. gross  
Cobwebs; much Gossa-  
mere; fog 9 p. Strawber-  
ries rise on sloping Banks.  
S W.

28. Fog, cloudy, open, warm,  
some wind: Meteors w/ s. a.  
Sly.

A<sup>o</sup> 1660. Octob. 28. m 15.

Ab. Off. 16. ad Nov. 8.

15. Close m. p. coasting shower  
some places 5 p. S W.

17. Rain a. l. fair, some. over-  
cast. Nly.

18. Fair, some clouds. N W.

19. Fair, fr. overc. 10 m. Nly.  
Mist below. N W.

20. Fr. fog. N W. at o. E.  
clear p. m. N E.

21. Frost, black thick clouds  
in S. ☉ occ. clear and fair.  
E. N.

22. Frost, clear, some wind.  
N E.

23. Cloudy, windy. Nly. fair  
9 m. N.

24. Fr. fair, windy. S W.

25. Fr. cold, windy, cloudy;  
frequent clouds in S. S W.  
N E.

26. Fr. Clouds curdled, close  
day. W.

27. Dry, cold, wdy, Hail and R.  
1 p. a shower 3 p.

28. Rain offer midn. cloudy.

29. Fr. curdled clouds. N.

30. Fr. fair; ♀ seen half an  
hour after Sun or.

31. Fr. mist below, about Ho-  
rizon; some rain, close &  
moist even. W.

Nov. 1. Close, cloudy, windy;  
dry, yet threatening. W.

2. Fr. ♀ seen half an hour  
after Sun rising. N W.

3. Mist, some clouds even in-  
clining to moisture. S W.

4. Close and cloudy. W.

5. Fog below, fleecy clouds.  
S W.

6. Fair, windy. N.

7. Open; windy, storm of R.  
11 m. S E.

8. Fr. and fair; freez hard  
at n. W.

A<sup>o</sup> 1661. Nov. 8. m 26.

Ab. Off. 30. ad Nov. 19.

Off. 30. Some clouds Sun or.

31. Windy, rain 8 m. rainy  
ad 10 p. S W.

as in mist, d. m. p. warm d.  
wind n. S W.

Nov. 1. Misty, flabby a. wdy.  
S E.

2. Rain 5 m. a shower 10 m.  
warm; stinking fog 9 p. fo  
9 m. ad 11. usque ad ☉ occ.  
S W.

3. Rain 5 m. rain die tot. clear  
n. S W.

4. Very rainy m. ad 10. fre-  
quent showers ad 2 p. S.

5. Very rainy m. a 5 ad 8 m.  
windy, blustering, wet d. r.  
S.

6. Windy, close. S W.

7. Cloudy, windy m. S W.

8. Cloudy, windy, misty day  
f. showers. S W.

9. Cloudy, windy, stormy, showers  
3 and 4 p. some drops 5 p.  
S W.

10. Cloudy, windy, cold;  
Rainy 4 p. & c. S W.

11. Blustering wind and  
cloudy; stormy 10 m.  
cold d. n. clear. W. S W.

12. Fr. and cold m. W. S.

13. Fr. cold p. m. even bright  
W. S.

14. R. H. wind midnight, smart  
shower p. m. Meteors, Light-  
nings 7 p. W.

15. Misty, wetting, very cold.  
N E.

16. High wind, very cold f.  
Rain. N.

17. Fr. very cold, some Rain.  
N.

18. Cloudy, cold, windy. Nly.

19. Cloudy, Hail D. N.

A<sup>o</sup> 1662. Nov. 20. 2 8.

A Nov. 11. ad 28.

11. Rain 5 m. dark a. m. wet;  
Very dark, with violent  
Storms of wind and rain  
at n. 1 p. ad 3 p. snow in  
the Country. S W.

12. Rainy m. high wind, cold  
freezing. S W.

13. Fr. fog, cold rain a. m.  
H. wind. S W.

14. Fr. H. cold wd. freezing.  
S W.

15. Rain m. p. H. wind 1 m.  
S W.

16. Fog, fair, cold; frost m.  
S W.

17. Fog, frosty. S E. N E.

18. Cold, foggy, rain a 6 p.  
ad 9 p. Nly.

19. Warm, close, drizzling p.  
m. & 5 p. S E.

20. Fog, warm, some clouds.  
S W.

21. Fog, rain 7 m. & die tot.  
harder 5 p. S W.

22. Blow n. fr. tot. cold. H. wd.  
open 3 p. W.

23. Cloudy, cold, rain 2 p.  
S W.

24. Rain hard 6 m. N E.

25. Fog, frosty, clear n. N E.

26. Fog, frosty, clear n. N E.

27. Fog, fro; some snow a. l.  
S W.

28. Fog, frosty, hard. S W.

A<sup>o</sup> 1663. Dec. 1. 2 9.

A Nov. 20. ad Dec. 10.

20. Close, cool wind.

21. Close and foggy. Wly.

22. Close and drizzling.

23. Rain toward ☉ or. R. sin.  
Wly.

24. Fr. fair and mist. Nly.

25. Fr. fog; rain at o. close.  
Nly.

26. Fr. fog, espec. towards o.  
W.

27. Close 9 p. N.

28. Open, nor over coldish.  
N.

29. Close.

30. Rain n. close day. E.  
Dec. 1. Mist m. W.

2. Mist rain m. close p. m. m.  
p. ad 9 n. W.

3. Rain m. close day, high wd  
9 n. S E.

4. Rain m. open o. R. 9 n. sp.  
5 Rain



5. Rain, wet a 2 p. high wd  
ad 7. N.  
6. Fr. with snow, H. cold  
wd. N.  
7. Snow n. freezing die tot.  
Snow 10 m. N.  
8. Frosty m. dropping 8 n.  
windy. Sly.  
9. Fog, close, wind; some  
moisture a. m. Sly.  
10. Fog, close, moistening  
damp. Wly.

24

- A<sup>o</sup> 1664. Dec. 1. V<sup>o</sup> 0.  
Nov. 30. Ad Dec. 22.  
Nov. 30. Close, mild, rain pan.  
wetting 6 p. ad 11 p.  
Dec 1. Close, mild, some  
drizzling at n. N E.  
2. Some wet ante l. fog, col-  
dith, close, mild. N W.  
3. Fog, cold, wetting, flagues,  
snow 1 p. hail 3 p. E.  
4. Fog, h. fr. small snow ante  
L. E.  
5. Very h. black fr. R. gentle  
7 p. &c. E.  
6. Mist, close wetting 6 p. E.  
7. Mist, R. ante L. & 4 m.  
wet a. m. & p. m. S.  
8. Much wet 4 m. 7 m. S W.  
9. Close, wet m. R. rain sadly  
8 p. &c. Sly.  
Much rain as hath been  
known.  
10. Cold wind, close. N E. N.  
11. Fr. some drops 4 p. walls  
sweat. S.  
12. Wetting ante ☉ ort. & m.  
R. suddenly a 5 p. ad med.  
noth. &c.  
13. Mist, close, warm. S.  
14. Close mist, cool, open day  
commended. S E.  
15. Fr. close, mild. S E.  
16. Mist, cold, open. N.  
17. H. fr. mist; rain 2 p. &  
p. m. S W.  
18. Close mist, warm. S.  
19. Aches 6 m. Flaring Co-  
met S E. in m, above an  
hour high, warm, wetting  
1 p. S W. N W.  
20. Comets 5 m. close m. p.  
warm. N W.  
21. Cloudy, close, mild. N W.  
22. Close m. bright drizzle 10  
p. S W.

A<sup>o</sup> 1665. Dec. 20. V<sup>o</sup> 11.  
Die 11. ad Jan. 2.

11. Fr. close d. cold wind  
N E.  
12. Cold and drying p. m.  
N E.  
13. High wind noth. tot. close,  
cold N E.

14. Close, cold, brisk wd, lit-  
tle snow 9 p. circa Moon or.  
Ely.  
15. Roaring wind noth. tot. fro-  
sty, sharp, windy; fits of  
snow a. m. 9 p. Moon or.  
Ely.  
16. Frost and snowing die tot.  
Ely.  
17. Hard frost, snow sub noth.  
Ely.  
18. Frosty and fair. Ely.  
19. Frosty and fair. Ely.  
20. Wind, mist m. & vesp. o. Ely.  
21. Hard fr. close p. m. N.  
22. H. fr. mist ice on Th. Wly.  
23. H. fr. mist m. Wly.  
24. Fr. snow, 2 or. mist. N.  
25. Excessive fr. close m. p.  
p. m. Wly.  
26. Close, mild, wind. Sly.  
27. Mist m. warm. W. & S.  
28. Fog, little fr. warm. Sly.  
29. Fr. mist, close m. p. S E.  
20. Close, mild, wetting.  
S W.  
31. Rain 6 m. & a. m. warm  
and mist. Sly.  
Jan. 1. Rain a. l. wind warm.  
Store of wet 7 p.  
2. Rain m. p. noth. warm, win-  
dy, dark. S W.

A<sup>o</sup> 1667. Jan 2. V<sup>o</sup> 22.  
A Dec, 22, ad Jan 14.

22. Snow a. l. frosty.  
23. Frosty, high wd m. Nly.  
24. Vehement fr. snow 4 p.  
10 p. Nly.  
25. Severe fr. bright wd. Nly.  
26. Frosty, rain 8 p. Nly.  
27. Fr. misty, miste 11 m. in.  
4 p. &c.  
28. Mist, fr. mist 10 p. Nly.  
29. Foggy, cold; rainy. N W.  
30. Snow m. then rain. N W.  
31. Frosty. Nly.  
Jan. 1. Bitter fr. show, Nly  
2. Bitter fr. ice on Th. Nly.  
3. Bitter fr. Ice in bread, in.  
sub vesp. Sly.  
4. Frosty, snow, h. wind and  
cold. Nly.  
5. Fr. snow, dark wds. Nly.  
6. Warmth, snow considerable  
Nly.  
7. Wind, close, fine thaw.  
Wly.  
8. Rain day break. S E.  
9. Cold m. p. rain and snow,  
wind a. l. Wly.  
10. Fr. and snow die tot. Nly.  
12. Mist m. fr. dark, fog ta-  
ken up. Sly.  
13. Mist, suspic. a. m. Ely.  
14. Fr. misty die tot. h. wind.  
Sly.

26

A<sup>o</sup> 1668. Jan. 14. V<sup>o</sup> 4.  
A Jan. 3. ad 24.

3. H. wind a. l. warm, milling  
m. & vesp. N W.  
4. Windy, dropping; short,  
but furious Tempest. S or.  
Wly.  
Lightning at Salisbury and  
Bagshot 11 p. Dr. Childrey.  
5. Tempestuous noth. & d. some  
shows p. m. Wly.  
6. Rain m. wind and misting  
m. p. Nly.  
7. Tempest of wind and rain  
a. m. Wly.  
8. Tempestuous driving rain &  
snow 2 p. 4 p. 6 p. S W.  
9. Fr. windy a. l. N.  
10. Stormy cutting wind a. l.  
& die tot. snow a. l.  
11. H. fr. closing. Wly.  
12. H. fr. mild. N W.  
13. Wetting 1 p. warm. Wly.  
14. Bright, warm, summers  
day.  
Talk of a Comet, wind au-  
dible at n.  
15. Fr. N E.  
16. Mist, close, mild yet. N E.  
17. Close, mild, Birds sing,  
miste 5 p. N E.  
18. Close, misting, mist.  
19. Dark, cold flavors N E.  
but n. S W.  
20. Fog m. & p. m. close.  
Sly.  
21. Foggy m. p. cold wind,  
fog n. Sly.  
22. Wetting a. l. & vesp. S E.  
22. Fog, warm, D near A-  
quinoct. S E.  
24. H. cold audible wind, fog,  
mist. S W.  
A<sup>o</sup> 1669. Jan. 25. V<sup>o</sup> 16.  
A Jan. 13. ad Feb. 5.  
13. Hard Fr. snow p. m. with  
Hail, snow n.  
14. Fr. windy, more or less  
die tot.  
15. Cold, dark day, snow a  
little p. fr. continued.  
16. Fr. obscure air, little wd  
stirring.  
17. Cloudy, cold, thaw p. l.  
Hail and R. 6 p. m.  
18. Cold, close, frosty; Star-  
light night.  
19. Frosty m. drizzling snow n.  
20. Frosty m. thaw p. frost at  
night.  
21. H. fr. cutting air.  
22. Fr. brake, misty cold drizzle.  
23. Rainy, dark day.  
24. Bright m. Rain and wind  
p. Storms of hail 3 p.  
25. Winds.

25. Winds and rain.  
26. Frosty m. pleasant day.  
27. Cold, windy, moist, drille.  
18. Pleasant day, Halo D.  
29. Moderately pleasant.  
30. Small frost, wd N. Halo D.

31. Frosty m. windy, cloudy p. at n. dropping.

Feb. 1. Pleasant m. wdy, cloudy p. Rain at night.

2. Cloudy, moist, hail p. wdy, cold n.

3. Terrible winds and rain day and night.

4. Great winds continue, some rain day and night.

5. Frosty, but variable.

1670. Feb. 6. 22. 28.

Jan. 25. ad Feb. 17.

25. Rain p. m. Tempest 11 p. with Snow. Nly.

26. Tempestuous no. tot. some snow m. frosty. Ely.

Blustering till Even.

27. Snow 9 m. o. & p. m. N.

28. Snow m. p. N.

29. Snow 6 m. p. m. Light. 8 p. Ely.

30. Vehement frost, drille 5 p. warmish at n. Ely.

31. Blustering, frosty. Thaw show ante 11 p.

- Feb. 1. Blustering m. frosty. N E.

2. Blustering no. tot. Urine froze. Stormy wd. N E.

3. Vehement fr. snow 9 m. & 1 p. Bitter. N E.

4. Snow a. l. Taps froze. Nly.

5. Vehement Fr. snow p. m. N E.

6. Great snow a. l. m. Nly o.

7. Hard fr. N E.

8. Snow 8 m. & 11 p. N E.

9. Urine froze, snow m. & 11 m. p.

10. Snow a. m. per tot. Nly.

11. Much snow p. m. H. wd, thaw.

12. Blustering no. tot. wind and rain p. m. Snow and Hail 4 p. Much rain 8. and 11 p.

13. R. circ. Sun ort. freeze 4 p.

14. Frosty, windy. Ely.

14. Rain Sun or. Freeze upon it, and glaze the ground; Thaw p. m. Ely.

16. Frost m. wet p. m. Ely.

17. Foggy day, wet at night.

19

1671. Feb. 18. 21. 10. ad Feb. 9. ad March 1.

6. Snow a. l. Halo 9 m.

7. Snow 8 p. Misting die tot.

8. Wetting a. m. & p. m.

9. Warm and cloudy, winds a. l. H. wind at night.

10. Wetting m. p.

11. Dew on the Windows.

12. H. Gusts 3 p. Cr. Drille 9 p.

13. Warm m. close, misty vesp.

14. Close m. p. cool.

15. Close m. p. wd, lower at Even.

16. Wetting 3 p.

17. Fog, very warm p. m. E.

18. Close, dewing o. N E.

19. f. wet m. drille a. m. cold. N.

20. Snow o. Halo 3 p.

21. Frost m. wind, often showr o. & p. m. Nly.

22. Frost m. R. 8 m.

23. Fog, drille even.

24. Some drops 4 p.

25. Wet sub meridiem, cold p. m. showr from one cloud.

26. Frost, mistle, drille 5 p. N.

27. f. drops. N W.

28. Close. Sicknefs at Barba- do's. Gazer.

- March 1 Coldish noon. S E.

1672. March 2. 21. 22.

A Feb. 20. ad March 13.

20. Fr. m. N E.

21. Mist m. drops towards Sun set. Comet at Dansk.

- Transactions 4017.

22. Close, warm wind.

23. Misty air, warm.

24. Cooler p. m. Ely.

25. Dry m. Rain 9 p. N E.

26. Close, damp windows; cool. N E.

27. Wetting a. m. close.

28. Indispositions.

29. H. wd a. l. cold, close, dry.

- March 1. Ice. N E.

2. Fr. Sol rubens & Luna. NW.

3. Misty die tot. ☉ rubens, frost m.

4. Fr. Pleasant.

5. f. mist, offer p. m. & 7 p. & 10 p.

6. Showr 8 m. warm.

7. Snow o. & 1 p. cold wd. N W.

8. Snow hard p. m. tot.

9. Frost, ice. W.

10. f. wind.

11. Ice, misty, lowring m. p.

12. Fog, thaw.

13. Gr. fr. misty, close m. p. wind.

1673. March 15. V 5.

A March 5. ad 26.

5. Snow, flabby 11 m. cold wd. N E.

6. Rain 1 p. 2 p. 5 p. N E.

7. Fr. close, cold, misty, dry. N E.

8. No fr. cloudy.

9. Fr. fog m. close and cold.

10. Warmish, wet p. m. Rain 11 p. N.

11. Close m. p. mist, dry. N E.

12. Snow and rain vesp. ad midn. E.

13. Drop o. close, open even. S W.

14. Warmish S E. 3 Children complain.

15. Warm. SE.

16. Windy, wetting circ. 6 m. R. 11 m.

17. Windy, Rain 7 m. 10 p. o. 5 p. 9 p. SE.

18. Thick noon, but no rain, windy p. m. Great Halo 9 p.

19. Showr o. showing 7 p.

20. Fine warm day.

21. Misting 5 m. close; cold wd. N E.

22. Hysterical fits 3 m. close, cold. N E.

23. Very cold, close, misty. Hail ante 6 p. N E.

24. Wetting 3 p. Rain 10 p. SE.

25. Hail 11 m. Rain 2 p. S E.

26. Wind, showr 3 p. N E.

1674. March 28. V 18.

A die 19. ad Apr. 1.

17. Rain 6 p. Ely. distem- pers.

18. Snow a. l. N E. fo a. m; very cold p. m. some mist N E.

19. Snow a. l. Tempestuous a. l. very sharp wind. Nly. Aches.

20. Snow a. l. & m. p. foggy, High wind a. l. Aches.

21. Close, cold and fog. N E.

22. Fo 2, offer snow, Aches. N E.

23. Fog, variable wind, A- ches.

24. Close fog, Aches.

25. Very warm, f. mist.

26. Rain m. warm.

27. Warm, hottrish. Ely.

28. Hottrish.

C c c c

29. Fog; hot. Ely.  
 30. Brisk wind, fog. Ely.  
 31. Fair. Ely.  
 Apr. 1. Frost, wind Ely. Aches.  
 2. N E. Fr. threatening rain, vanish; Aches. Variable wind.  
 3. Close, wetting 7 m. H. wd.  
 4. Cold, wetting 10 m. & 1 p.  
 5. \*  
 6. Showrs 11 m. Ely.  
 7. Showrs 9 m. warm E. fits, Aches.  
 8. Fair, Ely. Aches.  
 9. N E. Close, offer p. m. Aches.  
 7. Storm at Wells, Shipwrack at Lyn.

1675. Apr. 11. ☽ 1.

A March 31. ad Apr. 23.

31. Rain a midnight ad merid. Aches.  
 Apr. 1. R. 6 m. Hail 10 m. 3 p. Aches; cold. Nly.  
 2. Cold dash a. l. Aches.  
 3. Ely. Cold, Hysterical indispositions.  
 4. Cool wind, Aches m. p.  
 5. Ely. R. cool  
 6. Ely. Mist, cool wd, Aches, N.  
 7. E. Hail noon, cold winds, and red wds, Indispos. E.  
 8. E. Frosty, very cold red wd. N E.  
 9. Ely. Frost n.  
 10. Warm, wetting a. m. brisk wind.  
 11. Warm, wind coasting; shower, and 7 p. Aches. R. a. l.  
 12. f. drops 1 p. Aches.  
 13. Cold, Aches. N E.  
 14. Windy, hazy. Ely.  
 15. Warm, dry winds; Aches. Ely.  
 16. Warm, dry wind, Aches E.  
 17. warm wd, Aches, Sun occ. NE  
 18. E. Warm, dry.  
 19. Ely. Close, misty. Ely.  
 20. E. Warm. Complaints. Aches.  
 21. E. Aches, sickness, misty.  
 22. Cold, rain Sun occ. Aches.  
 23. N. R. Hail ante 10 m. o. Aches.

1676. Apr. 25. ☽ 15.

Ab Apr. 13. ad May 7.

13. Some wet 5 m. 9 m. o. dark. Sly.  
 14. Rainy a 4 m. ad 1 p. Rainy again at 6 p. N E. N. Gout.

15. Open N W. mist Ely. p. m. fr. m.  
 16. Misty, close. E.  
 17. Offer to rain 10 m. shower a 1 p. cool night, head-aches.  
 18. Rain 11 m. 4 p. 7 p.  
 19. Rain 4 m. 5 m. 7 m. 10 m. &c. Open N E. mist, Aches.  
 20. Cloudy 3 p. f. offering 4 p. 6 p. N.  
 21. Cool m. warm, misty, Meteors 9 p. Ely. Aches.  
 22. Dry Nly. N E. colder at night.  
 23. Close m. p. coldish. N. N E.  
 24. H. wind, some drops 5 p. Nly.

25. Close, Indispositions.  
 26. Hot night W. S W. Aches. Gout.  
 27. Hot, Meteors. ad caud. 8. 10 p. N Indispositions.  
 28. f. rain, hot night. Ely Aches.  
 29. Showrs Wly. wind, hot, Aches.  
 30. A drop or two discerned. Ely at night. N. shower 11 p. hot m. Aches.  
 May 1. Shower 5 m. hot. Wly.  
 2. Fair, Indispositions. Wly. Meteors.  
 3. Close, cool, fair and brisk wind. Meteor N E. Aches.  
 4. Cool a. m. wind p. m. E. Aches.  
 5. Fair, dry wind. Ely. Aches.  
 6. Hot, wind, brisk noon, &c. Great drops 6 p.  
 7. High wind die tot. misty in Mokefields. W. S W.

1677. May 10. ☽ 29.

Ab Apr. 28. ad May 22.

28. Warm, brisk wind, f. little shower 3 p. Sly.  
 29. Warm, high wind, shower 9 m. Indispositions. W.  
 30. Rain 11 m. and coasting till midn. wind. W. Vale of White hors in danger of a Flood.  
 May 1. Wet m. rain 11 m. Such a May Day not known. S W m. N W n.  
 2. Close, cooler, rain 5 p. 5 p. N W. Drizzle 7 m. at Forest Hill 3 p. at Urbridge Flood at Tumbidge.  
 3. Wet a. m. tot. shower of Hail and Rain with an illustrious Rainbow; drizzle 9 p. Ely. m. Sly o. VVly p.  
 4. Shower 1 m. & 5 m.  
 5. Cool m. white frost. VVly.

- after Ely. various.  
 6. Lowring m. p. some wind. Ely. Apoplexy 7 m.  
 7. Misty, brisk cool wind, Ely. various.  
 8. Mist early. brisk wd. Ely.  
 9. Warm, windy. E. Shower at Hatfield.  
 10. Warm wind. Wly.  
 11. Warm; wind variously. Ely. Sly.  
 12. Rain apace 4 m. wind and open. S.  
 13. Close m. gusty, sprinkle 8 p.  
 14. Fine warm day. Wly.  
 15. f. little rain 7 m. warm wd. Wly.  
 16. Mist, very hot and brisk wind. Ely.  
 17. f. wind, Meteors 10 p. foultry. Boys sicken.  
 18. Thunder, with dash of Rain 4 p.  
 19. Dropping 3 p. shower 4 p. and serious 6 p. clouds contrary.  
 20. Foggy, gust of wind 2 p. 5 p. Ely. Various wd. cool.  
 21. Wind various, overcast a. m. E.  
 22. High wind, a drop or 2 afar off, misty at night. Ely.  
 10. Rain 1 m. Meteor 10 p. ab Oph. Cap. ad Lyram usque.

1678. May 25. II 14.

A May 13. ad June 6.

13. High wind no f. tot. wdy m. Wly. Rain ante 8 m. hot 10 p. Nly.  
 14. Mist, wdy. NW.  
 15. Mist, brisk wd circa 7 m. cold m. confessed; close m. p.  
 16. Mist, lowring. W  
 17. Mist m. Wly. p. m. Ely Indispositions. Hot wind, Meteor.  
 18. Misty, windy, open Ely. Red in the E. cold night, Meteors. 10 p. very windy.  
 19. Misty m. cool E. great fr. m. hot, Aches.  
 20. Less fr. hotter, little wd. Wly.  
 21. Warm, brisk wind. S W.  
 22. Rain, close, hottish; rain m. S. 1 p. rain 3 p. some rain 7 p. Ely. dark.  
 23. Rainy night ad 8 m. 10 m. close Ely. warm.  
 24. Some rain and gusts 8 p. Nly.  
 25. Rain 2 m. & a. m. dash 3 p. 5 p. wd Southerly.  
 26. Close a. m. and mist, rain apace



apace o. ad 3 p. at night  
Wly. ſome drops 8 p. wd  
riſe 9 p.

27. Windy, open; f. ſmall  
rain; Blize at *Foreſt hill*.

28. Ely. Rain 7 m. cloſe, hot-  
tiſh. Nly.

29. Rain 5 m. & a. m. cloſe  
m. p. ſhowr 4 p. and drille  
Aches, morn Th.

30. Fair, warm, windy 4 p.  
Wly.

31. Miſt m. Wly, high wind,  
offer, clouding p. m. hot 9  
p. ſhowr 10 p.

At *Blois in France*, a Church  
beaten down with Thun-  
der, much more harm in  
that Neighbourhood: Hail  
as big as a mans Fiſt. *Ga-  
zet* 1310.

June 1. High wind and ſhowr  
4 p. 6 p. 7 p. drille &c.  
Wly.

2. Miſty, open, ſome wind,  
ſome drops 7 p. Wly. warm  
at night.

3. Some drille 5 m. 7 m.  
cloſe m. p. f. drille 2 p. &  
veſp. wd. Wly.

4. Open, miſty, cloſe m. p.  
ſoultry, wd. S.

5. Somewhat warm, cloudy 11  
p. Ely.

1679. June 9. II 28.

A May 28. ad June 21.

28. R. m. o. hot veſp. wind.  
Wly.

29. Rain ſtore n. & 5 m. again  
5 m. little wind, open. NE.

30. Fog, wet m. p. p. m. Wly.  
Cobwebs.

31. f. wind Wly. 2 drops 8  
m.

June 1. Brisk wind SW. red  
Heaven. W.

4. Cloſe, rain 5 m. drille 7  
m. brisk wds, rain veſp. &  
10 p.

5. High, cold wd. Wly.

6. Stormy wind. SW.

7. Windy. NW. Open

8. Fair, wdy. NW.

9. Wdy. Nly.

10. Cloudy, and ſuſpicious  
quarters.

12. Warm, brisk wd, offer  
veſp. f. diſtempers.

13. Some wind, offer a. 8.  
hot S. warm n.

14. Open, drille 10 m. 1, 2 p.  
wind riſe. S.

Warm although windy.

15. Warm wind Sly. clouds  
ſtripe. Gripes, headaches.

16. Wd, warm, open, ſhowr.  
S. cloſe p. m. wetting 8 p.  
Nly.

17. H. wd, ſhowrs S. SW. wd  
laid Sun occ.

18. Showr a 8 m. 2. ſmart  
ſhowrs 10 n. high wind.  
Sly.

19. Rain a. m. & p. m. f. daiſh,  
rain Sun occ. ante Sun occ.  
*Iris duplex.* Sly.

20. Rain little circa 10 m.  
warm a. m. Sly.

21. Wind brisk, clear m.  
cloudy. oftentimes lowring.  
Nly.

22. Great Fog, froſt m. hot.  
Ely.

23. Brisk wind, hot. Ely.

24. Harmful Thunder at *Ve-  
nice.*

25. Ely. Clear, ſoultry.

27. Ely. Soultry, little ſhowr  
Thunder 9 p. Clouds con-  
trary.

28. Brisk wd, ſoultry.

29. Clouds contrary. Lightn.

30. Ely. High wind, dew 7  
m ſome mil-dew obſerved,  
blaſting.

July 1. Ely. Dry, cooler.

2. Brisk wind, rain 2 p.

3. Rain 6 m. daiſh 1 p.  
Thunder, ſtormy wind;  
Plague at *Andaluſia.*

4. Brisk wind, rain.

5. R. ſmart ſhowrs.

1681. July 8. 25.

A June 27. ad July 20.

27. Showr 11 m. hot and faint  
Lightning 9 p.

28. Hot n. fog m. ſhowr 11  
m.

29. Rain o. ad 4 p.

30. Very wet ante Sun, ad o.  
Nly.

Die 27. *Dogheſter*, about Two  
miles from it, Globe of  
Fire burnt Trees to aſhes.

July 1. High wind, rain 8 m.  
and 11 m. Nly.

2. Cool fine day. Nly.

3. Troubled air 11 m. wd.  
5 Fog m. Harmful lightning  
in W. 10 p.

6. Th. R. W. circa 2 m. gen-  
tle ſhowr 4 p. Nly.

7. Hot n. ſome rain circa o.  
& 3 p.

1. Fog in Fields, ſoultry n.  
Nly.

9. Cooler. NW.

10. H. wind m. NW.

11. Rain 2 m. 1 p. Tempe-  
rare.

12. High wind, ſome rain p.  
m. & 10 p.

13. High wind, calm at n.

14. R. High wind 6 m. Rain  
6 p.

15. High wind, ſome drops  
9 p.

16. Some rain 9 m. & 4 p.  
windy veſp.

17. H. wind, drille 9 m. and  
11 m.

18. Dry, ſome rain 1 p. Nly.

19. Dry clouds, warmer. NW.

16. Plague broke out at *Magde-  
burg.*

1652. July 15. 2.

A July 3. ad 26.

3. Dropping, red wind. N E.

4. Dropping, H. red wind. N.

5. Red wind, rainy at night.  
N.

6. Showry. windy. NW.

7. Showry, Thunder at night  
NW.

8. Showry, more wind, calm  
at night.

9. Windy, ſome ſhowr at n.

11. Rain-like, ſome wind. S E.

12. More wind, rain at night.

13. Showry, miſty at night.  
S E.

15. Windy. S E.

16. Rainy die tot.

17. Dropping m. at n. wind  
change.

18. Dropping, more wind;  
miſty ſtill at n. N.

19. Miſty m. windy n. then  
E.

20. f. wind, miſty n. NE.

21. Miſty m. cloſe.

22. Thunder, ſhowrs, ſh. at n.  
N.

23. Dropping at n.

24. Showrs

24. Showrs, clouds contrary.  
windy.  
25. Windy, dropping.  
26. Windy, dropping.

1682. July 23. *Sl* 10.  
A July 11. ad Aug. 4.

11. Showr early; close, yet  
hot. *Hurricane at Anjou.*  
12. Hot.  
13. Hot n. foultry p. m.  
14. Fog, foultry, brisk wind.  
N E.  
15. Hot n. Thunder, rain ante  
3 m.  
16. Showr o. & i p. some  
drop ante 5 p.  
17. Wind brisk, fits of rain.  
18. H. wind and showr 7 m.  
drop i p. very cool.  
19. High wd, cool.  
20. Cold n. showr o. Meteor  
11 p.  
21. Wetting. Rain 10 p. *Gr.*  
22. Showrs coasting, cool,  
windy.  
23. Wind and drops 11 m.  
showr i p. & p. m. great *I-*  
*ris* 7 p. N W.  
Harmful Lightning at *Philis-*  
*burg.*  
24. Early wetting, dry; pains  
in the Head.  
25. Fog m. hot. N W.  
26. Fog m. hot, Meteors 2 by  
*Aquila. T. M. at Friburg.*  
27. Early wet, warm.  
28. High wind, warm, some  
drizzle.  
29. High wind, suspicious  
cold *vefp.* Meteors.  
30. Warm, great *Halo.*  
31. Warmer, gentle rain 2 p.  
ad 8 p.  
Die 28. Hail at *Burdeaux*,  
harmful to the Vintage.  
Aug. 1. Windy, lowring p.m.  
2. Windy.  
3. Fr. cold m.  
4. Cold, great dew, clouds  
contrary.

1653. July 30. *Sl* 16.  
A July 19. ad Aug. 10.

19. Cold, red wind. N E.  
20. Some rain. N E.  
21. Windy, hot. N E.  
22. Hot and dry season. High  
wind n. N E.  
23. High wind, cold, close.  
N E.  
24. Hot, calm. N E.  
25. Misty m. hot, rain, Thun-  
der.

25. Some rain, cold wind;  
blew mist.  
27. Rain a. l. blew mist. N E.  
28. Coasting Showrs, hot.  
29. Cold m. coasting showrs.  
30. A Showr. N W.  
31. Gentle rain *die tot.*  
Aug. 1. Some rain, windy n.  
2. Rainy, windy, thunder,  
showr.  
4. High wd, H. wd, showry.  
Thunder.  
5. Windy, showry.  
6. *Idem*, Flash of Lightning.  
7. Windy, showry, rainy n.  
9. Some wd. N W.  
10. Little wd. N W.

1683. Aug. 6. *Sl* 23.  
A July 27. ad Aug. 17.

27. Foggy air; some gusts  
warm.  
28. Foggy, dark but no Rain.  
Ely.  
29. Foggy, hot, high wind.  
Ely.  
30. Foggy, winds dry. Ely.  
31. Foggy m. warm, winds.  
Ely.  
Aug. 1. Misty, foultry rain 4  
p. *Gr.*  
2. Foggy, showrs p. m. foul-  
try.  
3. Fog, showr hot, brisk wd.  
4. Brisk wind, cool showr.  
5. Brisk wind, showr.  
6. Some rain, dark 4 p.  
7. Brisk wind, cool m. Nly.  
8. Rain m. p. by fits. high wd  
*die tot.*  
9. Some rain, coldish. Nly.  
10. Hard frost, mist, gusts, no  
Rain.  
11. Hot n. wetting m.  
12. Cold, high wd, showr.  
N W.  
*Hamburgi glans ignea delabitur*  
*fulguris instar.*  
13. f. drizzle, cool even.  
14. Rainy o. dark, hot, high  
wind.  
15. Foggy, rainy m. p.  
16. Frosty m. some drops,  
showr.  
17. Misty m. coasting rain.  
N W.

1654. Aug. 13. *Sl* o.  
Ab Aug. 1. ad 25.

1. Red wind, high wind, cool  
mists. N W.  
2. Dry, Sun eclipsed 7 of 12.  
N E.  
3. Wind and red wd, still n.  
N W. S W.

4. Fine showrs, mists. S W.  
5. Hottish and still. some wd  
p. m. N W.  
6. Wind, some drops, misty  
at n. S W.  
7. A showr discovered. Some  
little wet at night. S W.  
8. Wind, good store of wet.  
S W.  
9. Fair, bright air. S W.  
10. Wind, frost, hot day.  
S W.  
11. R. Th. b. d. dropping, f.  
fits of Wet.  
12. Thunder m. high wind;  
much wet, so at night. Th.  
S W.  
13. Most violent wind, with  
rain. f. say Thunder. S W.  
14. Rain b. d. cool wind, show-  
ring. S W.  
15. Wind higher, stormy *die*  
*tot.* S W.  
16. Cool, unconstant, not so  
much rain.  
17. Cool m. cold, showring.  
N W.  
18. Cool; wet at Sun set, wet  
to purpose. N W.  
19. Very cold wind, mist at  
n. N E.  
20. Hot, muddy clouds, fair.  
N E.  
21. Hot ground mist at n.  
N E.  
22. Misty m. suspicion of R.  
Sun occ. N E.  
23. Blew mist, red clouds at  
n. N W.  
24. Fair, white clouds, suspi-  
cion, clear wd. N E.  
25. Hot, fair; fewer white;  
some audible wd. S E.

26

A<sup>o</sup> 1655. Aug. 27. *Sl* 13.  
Ab Aug. 16. ad Sept. 7.

16. Rain a. L. and Sun rise,  
wet *die tot.* S E. S W.  
17. Dark and showrs. S W.  
18. Showring 3 p. hot. W.  
19. Very wet, hot. S W.  
20. Wet m. so at n. Thunder  
f. places. N W.  
21. Wind and wet, some  
clearing. N W.  
22. Clearing, some storms and  
clouds. N W.  
23. Dropping, mist at midn.  
N W.  
24. Mist m. Rain with us, none  
elsewhere; Rain hard, a  
Floud fear'd. N W.  
25. Mist, Sun shine. N E. &  
S W.  
26. Hot. W.  
27. Fr. clear m. mist, lowring  
in

in some quarters. N.W.	28. High wd. flying Clouds and darkish. S.W.	29. Rain Sun or showring clearing at n. S.W.	30. Fair, storms of rain, inconstant. S.W.	31. Stormy wind p.m. and driving rain. H. wind at n. Sept. 1. Showrs, high wind at night. S.W.	1. Tempestuous a. l. Rain, misty H. Halo at n. S.W. N.W.	2. Fe. fine m. some gentle showrs. <i>Ignis fatuus</i> at n. S.W.	3. Clouds fly low, rain, thunder. S.W. N.W.	4. Some coasting showrs. N.W.	5. Lowring, some showrs, thunder. S.W.	6. Frost, bright, low mist. f. shaggy. S.W.	12															
25. Wind n. till 3 m. then calm, cold, wind rise.	26. Overc. a. l. N.W. misty-ish Clouds, fair. N.E.	27. H. winds, offering, high wind at n. N.E.	28. Windy, cloudy S.E. N.E.	29. Overc. blew mist. S.E. N.E.	30. Close m.	31. Overcast m. N.E.	Sept. 1. Close. S.W. cool, showing. Ely.	2. Close m. p. and cold. Ely.	3. Close, cold. Ely.	4. Wind and showrs about o. blow away. N.E.	5. Thick mist m. Hempen clds little, yet variable.	6. Wind rise, blackish clouds. S.W.	7. Close, faint, blackish clouds. S.E.	8. Some little showing of store of Rain. L. and N.E.	9. Close, flying clouds, lowring. A flash of Lightning. N.E.	10. Close, red Clouds Ely. at Sun acc. N.E.	11. Close, lowring, some wd. N.E.	12. Red m. fr. mist, flying clouds. N.E.	13. Frost, mist falls 8 m. flying clouds.	14. Fine rain a. l. fo after Sun or rain 4 p. S.W.	15. Rain a. l. wind, cold, cloudy. N.W.	16. Some drizzling Sun acc. N.W.	17. Overc. m. clouds fly low. N.W.	18. White clouds, some little gathering at n. W.	19. Some misting, open 10 m. reddish clouds. Ely. A wide Halo.	20. Fr. blew mist, Halo SVV

12. Saturn had never been known for a Cold Influx, but by his Aspect, and First with the Sun. Now, tis a pretty Problem, how h mixing with the Sun, a Glorious Fiery Furnace, should so easily Juggle as to practice Cold by such a Congress? As Cardan faith, He can be only less warm than the Sun, and that a less degree of Warmth compared with a greater, is absolute Cold: As in Water of a low remiss, Warmth, faith he, cast into a boiling Pot, it allays the wambling of the Liquor, in *Prot. Lib. XII.*

13. No question but h is higher than any of the Planets, because he is sooner discover'd upon the recess of the ☉, than those which are near. I would it were as well agreed, how high he is, how many *Semidiameters* of the Earth he is remote from us; Tis no question also but this height of h helps, or contributes to get him the Name of a Cool Planet; and seems to favour those no mean Philosophers, who explicate Cold by the nature of Privation, or a less Agitation of the Spirits in, or from that which is denominated a Cold Body, compared to the agitation of the Spirits in the Warmer. But besides that this Notion seems not to agree with Cold sharp Wind, where the chill Spirit is more agitated than the Spirits of the Bloud or Organ. Tis all one to us, whether it be *Yea*, or *Nay*; yet since we have said the Cold is a Spirit, an *Effluvium* (as what Body hath not?) sudden, not always distinct and gradual in its Operation, but both sudden and painful. Now Pain is *Solutio continui*, and therefore Cold must penetrate, and separate, (even where no Wind is sensible) and Expell the Contrary Spirit, which accordingly retreats, and is repell'd thereby. The Touch of Brass, Silver, in cold Weather, will force us to withdraw our Hand; and for the Repulse of the Spirit, who hath not seen a Cold Plate laid on the Neck, stanch the bleeding at the Nose? For Cold is an Enemy to Heat, of which Enmity the Spirit is sensible, and resists. For whereas 'tis said, that Cold constringes the Pores: I rather think it is the Animal Spirit shrinks from the approach of its Enemy first, and then Nature shuts up the Avenues to hinder entrance.

14. Tis to be considered also that Cold strikes up to the Head from the Sole of the Foot, though well Shod and Arm'd against it, if we walk on a Marble Pavement; which shews, one would think, some



A *Stivity* upon the *Organ* of Sence at some distance; as a *Torpedo* benumbing the Fishers hand on Shore, when the Fish is in the Stream; And for refrigeration sake to mix a cool Spirit with Wine, we immerge it in Water, or lay it in Earth: There is a manifest Penetration of the Cool Spirit, where the case of *Less Agitation* will scarce hold; for the Glass Bottle, it may be, is as cold as the Earth, or Water either.

§ 15. Now therefore that it *repells* the Spirit, appears that after the handling of Snow the Sensory is Warmer, because the Blood returns with advantage to those Extreame parts from whence it was driven; there is a Perception in Nature, and Contrary doth *smell* its Contrary. To this purpose I remember long ago in a hard Winter, where our Colledge Ale, (for that was our Liquor) being conglaciated into a Capacious Vessel, upon a Thaw never returned to its self, but was found so much insipid Ice, with this difference only, that in the Center there was lodged about a Quart of much Stronger Liquor, than any was put into the Cask. A manifest Evidence that Spirits being besieged by the Ambient Frost, retreated thither as to their Cittadel. The like is to be observed in Fruits, which upon the Solution of great Frosts are known to putrifie, because the proper Preservative, some would call it the Balsannick Spirit, of the Fruit is dislodged by the Cold, so that the Warmth returning finds nothing there but the Carcase of the Apple. M. Robault an ingenious *Cartesian*, meeting I see, with this Objection, confesses there is a destruction of the *Nexus*, and Site of the Parts: and what Parts can those be but the Spiricuous? Add likewise the Instance of Mortification of the Members of our Body, so ordinary in *Muscovy* and other Countries; which could not be if the vital Spirits did not retire from the surface, and return again, not of a Sudden, but by degrees: Namely, if upon their approach to Fire they lay Snow, as the Story goes, upon the part affected, to prevent the fam'd Putrefaction.

§ 16. I must not be long in this dispute, only this I say, we cannot shew a Corpuscle in the *Privation*, which darkens the Air, &c. But in a great Frost we can shew the Cold Atoms Fluttering about us: For in a Frosty morning the pruinous Atoms lye floating in the Air, and the Traveller gathers them in his Frosty Locks, oft-times hoary before his time; we can guess also of what size the Atome is, and that it inclines to Gravity; we can tell to which of the Poles it is fled when warm weather comes; I mean no more but this, Part is sent up into the Air commonly called the Cool Region, and Part, sunk into the Earth; that Earth which is as cool as Ice, and therefore helps to keep it all the year long for the Palates of the Delicate. Cold is a Privation of Heat, as Sickness is a Privation of Health when One comes, 'Tother goes, both are positive.

§ 17. Now let us, if we dare enquire, How  $\hbar$  has acquitted himself for a Chill Officer, whether he be such a Plumbeous Blew-nosed Planet as Antiquity marks him. In our Winter Partition we must not expect that there falls under  $\hbar$ 's Dominion more Snow than Rain; no not in Winter, I say, for Winters are most of them Black, rather than White; and not one in twenty in the Course of Nature is so rigid; and the like is to be said in Frosty Constitutions; Nature is kinder than so to us in this Corner of the World, if it be but for the Travellers sake, and the Beast under him. For hard would be their Condition, if a Horse after 20 Miles rugged way hardly passed, might not have his usual Drench out of the River: It is enough therefore that  $\hbar$  shews his sullen Influence more than  $\delta$  or  $\odot$ , &c. The Number of the Days we are to account for, are 401. *videlicet*, from September 27. to April 23. Now, because Snow is found sometimes so early, as the end of September, and so late in the year, as April 23. we cannot look it should Snow every intermediate day upon  $\hbar$ 's account, nor come up to a moyery, as he does most fairly, if you put Snow and Rain together, for

for so you shall find under the Style of Rain, and store of Rain, 149 days; add the 56 days for Snow and Hail, and you have a liberal half of 401.

§ 18. To Anatomize this cold Serpent a little further, I find the Summer thus, Cold days 52. (without sensible Frosts) Frosty Mornings 80. Frosty Constitutions of the Entire days 54. to which I may add Cold Wind 12. It is true, we meet with a matter of 60. under the Style of Warmth, expressly such; but then for excess of Heat, I take notice that we find but 3 hot days under this Aspect, in 30 years under that Division, where *October* and *March*, and the greatest part of *April* is concern'd. In the Summer Partition from *April* 23. to *September* 27. within which Interval, Snow seldom appears, in *England* at least, we find hot days 46. and remiss warm, 24. which may administer a *Quare*; as also 10 hot nights, a piece of a *Quare*, still; but even here we find cold 21. Frosty Mornings about 16. Cool or Cold remitted, 18. yea, and 3. Frosty days, extraordinary Frosts morn. and Hail 4. Frosty Mornings in the Month of *May* are frequent, and sometimes they happen in the Month of *August*.

§ 19. They that please to consult the Table, shall find what Influence he has on Winds, Fiery Meteors, Lightning, Thunder; what upon Fogs, and Hazy and Dark Air. In the Winter we hear of no Thunder, but of Lightning under both Divisions, and in the Summer Partition about 80 times Thundering; we cannot say that is too much for *Saturn*, if we could confront our Aspect with an Aspect of ☉ and ☿ upon 60 years Evidence, (for so many years must be introduced to equal this of ♄ and ☉.) He shall find a wide difference; or if that will not Content, then we must begin to learn, that notwithstanding the difference of the Planetary Characters, in some Signs they may be all alike for Heat, Thunder, &c. only we are bound to take Notice, that in the Summer time we meet with Harmful Thunder under this Aspect; yea, and Harmful Lightnings as many times; when the Total Sum of Lightning was but 6. or 7. Whether this mischief arises from some peculiar Cause discoverable in the further Scrutiny of that Effect at such time and place; or Whether it arises from the Exasperation of the Heat, according to our ordinary Philosophy? Which may pass for a reason also till we can get a better, perhaps, why ♄ and ☉ brought more days of excessive Heat, than of remissive Warmth: But that our ☉ and ♄ can do brisk Feats, we have heard before from *Epigenes*.

§ 20. Verily I do reckon it a reason, why we find thrice mention of Prodigious Hail in the Summer Division, and yet ordinary Hail but twice. But we have occasion for the like Observation, when we come to the Aspect of the ☉ and ♄. In the mean time let me observe, as to the appearance of Snow, that it may fall, 'tis true, on the Day, or upon the Skirts of the Day, upon the precise Aspect. But again to justify my enlargement of our Evidence, we shall find, that Snow as naturally falls 3, 4, 5, 6, 7, yea 10 days from the Aspect: *Saturn's* remote distance in the Perpendicular contributes to Cold, but it seems that an Obliqu-Angular distance of the Planet does very well; but yet under a reasonable confinement, within which ♄ may hear and comply. And this I make no question holds in the ☿ of ☉ and ♄, with some little difference, which here we are not suffer'd to enquire: For if the ☿ be cool, the ☿ by our Principle, must be cooler.

§ 21. I have little else to trouble the Reader, only I cannot dissemble that I have not thought that ♄ at such distance from ☉ could have contributed to red Clouds, to Irides, or to Halo's; yet some Instances of all three appear in the Table.

§ 22. Yea, or as *Epigenes*, whom I have a value for, to Wind, at such distance, when as ♄ bears away the Bell, because of its Vicinity, and

we think it is reasonable : But if h by his Bulk will make amends for that his distance ; or if his *Anfula*, or *Auricula*, that the *Tube* may see we heartily acknowledge our Obligation to their Discoveries, we know not, here we find the Summer Division above an 150 Instances of Wind, and 70 of them High Winds ; and if h cannot challenge a share in them, who can ? This must be unquestionable, the Greater must the Influence be, the further the Influence is derived ; wherefore if h be any thing at all, he is a vast sublime Creature, placed aloft in a Sphere so high, that we should not believe, but that we see Thousands of Creatures higher.

§ 23. For our Aspects Forreign Evidence, perhaps we may see somewhat after the Chapter of *Saturn* and *Mars* ; or if we balk it, let it not be imputed to us, some Forreign Instances we meet in the Diary already delivered, whereby we see h ☉ can Thunder, &c.

§ 24. There is but one Objection lies in our Way, which upbraids us, that no sober men are of our Opinion, I answer, the Objecter, if need be, will make one sober Man, if our Evidence at least be sober ; but why Have I not quoted my Lord of S. *Albans*, and might I not have added to him Sir *Walter Rawleigh*, and to him again *Gerard Vossius*, as Sober and Reverend Men as the World affords. Sir *Walter* I remember bears Testimony to us about the Heats of ☉ and ☿, and *Vossius* in his *Heathen Idolatry* tells us, All our Aspects, particularly the ☿ & ☉ *Si aptis calis locis jungantur imbres generant*, & *quandogq; etiam fulmina ☉ & h acra reddit nubitum & turbidum*, Cloudy, Close, dark Air, nay he ventures on the Fixed too, and withal his Credit so far as to bid us look back on ☿ h ☉ in *principio* ♄, Ann. *MD. LXIII.* when a Cruel Pestilence raged in many parts of *Europe*. See the place, *Lila* 11. c. 47. to all which he puts to his Seal, *Atque hec sunt vera Cerlog*, while some other parts of our *Astrology* perhaps he doth not like ; For my part if I had not found that these Notions are certainly true, I would never have set Pen to Paper.



$\delta$  &  $\eta$  CHAP. X. Conj. of Saturn and Venus.

1. An Aspect of uncertain revolution. 2.  $\eta$  here always Direct. 3. The Aspect found thrice sometimes in the same Sign. 4. The Aspect's Character. 5. Comparatively a calm Aspect. 6. What kindness it has for Cold. 7. Cold and its Vicissitudes, even in Winter, are dealt out by the Planets. 8. How this Aspect may be cold. Venus cornicated as the Moon. 9. Frost and Snow under  $\delta$  &  $\eta$  at a Platick Distance, under  $\eta$  & at a Partile. 10. Planets too near, or too remote, encourage cold. 11. This Aspect brings moisture with in the Triduum;  $\eta$  at 10 degrees distance is responsible. 12. No great kindness for aquatick Signs, &c. A solid Astrology labour'd after. 13. The Symmetry and Co-incidence with the Rest, (not the nature of any one Aspect) does all. 14. This demonstrated by a Table of  $\delta$  and  $\eta$ , and its moisture throughout the Zodiac. 15. Iris more than Semicircular. Two Irides concentrical. Whether our Aspects do contribute? Why fewer Irides in Winter than in Summer. 16. Our Aspect's Hail. 17, 18. Meteors and Lightning. 19. Though Astrologers give us no such Item. 20. Several Objections against the Division of Signs into Fiery, Aery, Watry, &c. though Leo may be termed a Fiery Sign. The true reason of Fiery, Watry, Windy influences. 21. Some Rules for Stormy Weather relating to this Aspect. 22, 23. Some little Objections answered.

1. **T**HE Conjunction of  $\odot$  and  $\eta$  hath its certain Returns, the  $\delta$  of  $\eta$  hath not so: For though  $\eta$  is found to serve  $\odot$ , yet he doth not find himself obliged to observe  $\eta$ , because she is a Stragler; She must be occidental, and She must be Oriental, when She Lifts; and whosoever will speak with her, must observe her Hours. Hence it comes to pass, that sometimes we find a year void of this Aspect, as  $\Delta$  1665, 1670. &c. But in lieu of that, sometimes we meet the Aspect twice in a Twelvemonth, as in the year 1664, 1669. &c. In the year 1652, we find the Aspect in May. In the year 1653, in July. In the year 1654, September. By this account at Two Months Distance. In the year 1655, it should fall out in November; but instead of that she makes such a Halt, that it is found in July, Four Months before, and reaches not November till Two years after.

2. Here it is pretty to observe (and where is the Wisdom of God more seen, at least as first Mover, than in the Celestial Motions?) That  $\eta$ , though she Jerks back the space of a Month or Two, from where she was before, yet she is always found as to this Aspect with  $\eta$  in progressive Motion. So that in July,  $\Delta$  1655, she is found to have got Ground more, than she had got in September, though a later Month of the year precedent.

3. I do not know whether I may further observe, that in this progressive Course the Aspect will be found, sometimes but once in a Sign, sometimes more than Once, viz. Thrice; or, if we may take in a Platique Aspect, four times, as  $\Delta$  1662, 1663, 1664, or that the Distance of Two immediate Aspects shall sometimes lye about 20 degrees, and sometimes not a Quarter of that Number.

§ 4. Astrologers put up, you remember  $\text{h} \cup \text{g}$  for 3 cool Planets. Accordingly they will have us believe, that this Aspect is apt to produce in its Seasons, Cold and Snows; sudden Showrs in Summer; Cold and Rain in Spring and Autumn; cold Rain or Snow in Winter. *Eichstad* confirms. But my *German* speaks plainest, Reg. 9. that it commonly brings Cold, Moist, Unfriendly Weather with Snow or Rain.

§ 5. Observe here, I pray, that they speak of no Wind; nor do they speak of any violence. You see there is some difference between Planets Aspects. Verily there is so; there is some *Sluggishness* in  $\text{h}$  and  $\text{g}$ , in comparison of  $\text{f}$  and  $\text{d}$ ; or, what we hasten to,  $\text{h}$  and  $\text{g}$ .

§ 6. And as to their Cold: In the year 1658. *Aug.* 26. you may find in the Diary, uncomfortable Weather, which puts us in mind of the Unfriendly Weather in the Character. There is mention of Cold on the 21. day. And on *September* 1. Cold and Showrs. On *Sept.* 2. (if there be not an Error in the Diary.) Frost and Snow.  $\text{A}^{\circ}$  1653. *Sept.* 2. again we find Frost morning.  $\text{A}^{\circ}$  1656. *Sept.* 2, 3. Close and Cold.  $\text{A}^{\circ}$  1659. *Octob.* 22. Frost, 26. hard Frost.  $\text{A}^{\circ}$  1661. So *October* 14, 16. and 1563. in the Platique Aspects, *dic* 26, 27. cold. 27, 29. Frost, 31. Cold.  $\text{A}^{\circ}$  1664. *Nov.* 10, 11. Ice. 18. Frost, Ice. 20, 21, 22, 23, 24, 25. hard Frost and Ice. — We go on,  $\text{A}^{\circ}$  1657. *Nov.* 7, 8. Frost, 9. Hard Frost and Ice 10. Frost.  $\text{A}^{\circ}$  1660. *Dec.* 13, 14, 15. Frost, Fog.  $\text{A}^{\circ}$  1662. *Dec.* 4, 5. Frosty, Fog on all parts in the days preceding, and subsequent.  $\text{A}^{\circ}$  1667. *Dec.* 24, 25, 29, 31. Frost Mornings.  $\text{A}^{\circ}$  1669. *Dec.* 20. Frosty days precedent and consequent, about 20 days together.  $\text{A}^{\circ}$  1664. *Jan.* 24. Frost for a Week together.  $\text{A}^{\circ}$  1666. *Jan.* 10, 11. Frost, Cold. 13. Cold, Freezing, and so four or five days after.  $\text{A}^{\circ}$  1673. *Jan.* 24. Frosty and 3 1. and as many days in February, Frosty.  $\text{A}^{\circ}$  1669. *Feb.* 19, 20, 26.  $\text{A}^{\circ}$  1671. *Feb.* 6, 7. Frost and Snow. 19, 20, 21. Hail, and very cold,  $\text{A}^{\circ}$  1669. *March* 2, 4, 7. Frosty mornings.  $\text{A}^{\circ}$  1676. *March* 12, 13, 16, 17, 27, 28.  $\text{A}^{\circ}$  1672. *April* 3, 4. Cold. 10, 13, 16, 17, 18. *Idem.* Several Frosts in the Country.  $\text{A}^{\circ}$  1674. *April* 1. Frost.  $\text{A}^{\circ}$  1672. *May* 17. Some Frost.  $\text{A}^{\circ}$  1679. *May* 10, 12, 13. Cold Wind. 14. Frost, Morning.

§ 7. These are the Evidences as thin as they lye, and they lye not so thin neither. On which Observers have found that this Aspect contributes to Frost, every where, where it can shew its self, and its Texture, not engaged in a Crowd of other Configurations: In such case the Weather, the Constitution of the Air, follows the Crowd; but withal beareth Witness to all such Meetings of the Planets; who make disorderly cold Weather, though allowed so long a term as the milder Constitution. Darkness indeed challenges half the year; what it loses in Summer, it gains in Winter; but in Cold and Heat 'tis better order'd. And let the Reader be assured, that even Cold is distributed and dealt out even in Winter time by sundry *Dials*; according to the several Offices in the Great Family of Nature.

§ 8. He who denyeth the rest of the Celestial Aspects, because the ☉ is the Fountain of Light and Heat, must deny that we can quench our Thirst at a Fresh Spring or Rivulet; because the Ocean is the Fountain of Moisture. I will not strive to make out the Cold of  $\text{h}$  and  $\text{g}$ , but by their Distance, and their Disposition; of which later we are assured so far, that they are both rightly termed Cold: as the ☿ is also, in comparison of the Sun; and that is enough. If  $\text{g}$  and the Rest be corniculate as the ☿ is, that also helpeth to a chill Influence. We doubt not of that which every body, almost, in these days Knows: Only we hint, that if Great

Men

Men would give their mind, or do so much Favour to Truth, they might find ways to solve Objections, as well as make them.

¶ This I have observed in  $\pi$  and  $\phi$ , that  $\pi$  and  $\phi$  are ordinarily at a distance of *grad.* 5, 6, 7, &c. whereas what cold is observed here, for the most part, in  $\pi$  and  $\phi$  cometh within less Compass, and more near the day of the Conjunction. The reason is at Hand. The Sun with  $\pi$ , cannot so well contribute to Cold, but by an Oblique glance, when  $\pi$  may in a Direct incidence upon  $\phi$  irritate the Quality.

¶ We have used the Reader to hear the Paradox, that  $\phi$  is many times a Friend to Cold, seeing we are never attacked therewith, but when the H. Bodies keep aloof about 30 degrees more or less, or when they Creep too Close, (I suppose within 10 degrees, or thereabouts. For what doth a  $\phi$  signify without the consent of the rest? To like striking Fire with a Flint, it makes no report. Let your Piece be in good order charg'd, &c. and then one Spark from one Conjunction of the Flint and Steel may doe execution.

¶ But now as to Rain, or we may call it Moisture, this gentle Aspect produces it, *scilicet* at least one of the 3 days, of which the day of the  $\phi$  is the midst. Not but that it finds its excesses some degrees distance. Verily if we set this Aspect even at 10 degrees distance, which yet perhaps should not be, it turns to account, & *Comitibus Annis*, cometh neer to be responsible for the Moyer of Days. These Papers may be loath to bear the unreasonable account of, 1500 Days, upon which I bottom my Experience. But so we shall find it.

¶ Here is every where else, we are troubled with *Antipathetic* Signs, as if our Aspect were most Fecund, in  $\phi$  m x. The Antiques mean well, when they would have us to understand, there is difference in the Dodecatemory, or each XII. part of the Zodiacus, but it was Rature of Experience meetly, and Trifling Fancy, which miscreated the Faint Division into Fiery, Aery, &c. Not that I deny  $\phi$  m x. to be a good Aspect will yield Rain. But I must believe my Eyes, and say as I find, that  $\pi$ ,  $\Delta$ ,  $\Delta$ , 62, 63, 64, yielded more Rain, than the three preceding years of 59, 60, 61, when the Aspect was conspicuous. I have no Spirit of Contradiction, but if I may have leave to contribute to the Foundation of solid Astrology after Kepler and Lullius. All the Harmin Art is advanced, Mankind benefited, to say nothing of the Creators Glorie. At 63, 64,  $\pi$  &  $\phi$  brought moisture 10 times in 12 days. In 64, 65, times in 22 days, when as  $\pi$  brought but 8 times twice together. In 65, 66, 13. Nor is it alone, but  $\pi$  also, and  $\phi$  and  $\pi$ , which brought a Fiery Sign brought moisture,  $\Delta$  53, 9 times,  $\Delta$  54, 15 times,  $\Delta$  55, 17 times. 'Tis the Symmetry, and Co-incidence of the rest, with this Aspect in such a Sign, *Fathers* all the Issue and Effect. Therefore in  $\pi$  for Example's sake, it brings but 3 in one year and 7 in another. In  $\phi$  but 8 in one year, and 14 in another. In  $\pi$  9 in one year, and but 6 in another, but the Reader be pleased to peruse the subsequent Table, and he may consider, where if perhaps he meets with 20 days of Rain in an Aspect of  $\pi$ . He may withall begin to believe that there may be somewhat in Planetic Aspects, as that of  $\Delta$  63, not unworthy Notice, though I am willing to agree it, that the Disparity between that Indirect, and as it were Casual Aspect from the Direct, and of the more Primary Intention, may arise from a different Pace or Motion, found at  $\phi$  at that time of 40 days (For no less it compriseth) more than in the Ordinary Combination at  $\pi$ . But the Table may be produced.

¶ Here is every where else, we are troubled with *Antipathetic* Signs, as if our Aspect were most Fecund, in  $\phi$  m x. The Antiques mean well, when they would have us to understand, there is difference in the Dodecatemory, or each XII. part of the Zodiacus, but it was Rature of Experience meetly, and Trifling Fancy, which miscreated the Faint Division into Fiery, Aery, &c. Not that I deny  $\phi$  m x. to be a good Aspect will yield Rain. But I must believe my Eyes, and say as I find, that  $\pi$ ,  $\Delta$ ,  $\Delta$ , 62, 63, 64, yielded more Rain, than the three preceding years of 59, 60, 61, when the Aspect was conspicuous. I have no Spirit of Contradiction, but if I may have leave to contribute to the Foundation of solid Astrology after Kepler and Lullius. All the Harmin Art is advanced, Mankind benefited, to say nothing of the Creators Glorie. At 63, 64,  $\pi$  &  $\phi$  brought moisture 10 times in 12 days. In 64, 65, times in 22 days, when as  $\pi$  brought but 8 times twice together. In 65, 66, 13. Nor is it alone, but  $\pi$  also, and  $\phi$  and  $\pi$ , which brought a Fiery Sign brought moisture,  $\Delta$  53, 9 times,  $\Delta$  54, 15 times,  $\Delta$  55, 17 times. 'Tis the Symmetry, and Co-incidence of the rest, with this Aspect in such a Sign, *Fathers* all the Issue and Effect. Therefore in  $\pi$  for Example's sake, it brings but 3 in one year and 7 in another. In  $\phi$  but 8 in one year, and 14 in another. In  $\pi$  9 in one year, and but 6 in another, but the Reader be pleased to peruse the subsequent Table, and he may consider, where if perhaps he meets with 20 days of Rain in an Aspect of  $\pi$ . He may withall begin to believe that there may be somewhat in Planetic Aspects, as that of  $\Delta$  63, not unworthy Notice, though I am willing to agree it, that the Disparity between that Indirect, and as it were Casual Aspect from the Direct, and of the more Primary Intention, may arise from a different Pace or Motion, found at  $\phi$  at that time of 40 days (For no less it compriseth) more than in the Ordinary Combination at  $\pi$ . But the Table may be produced.



A Table of the Aspects of  $\hbar$  and  $\wp$  in every Sign of the Zodiac for 30 Years past, with the Quota of Moisture appearing at the times assigned.

	Si.	Gr.	Anni	Moist.		Si.	Gr.	Anni	Moist.
	$\gamma$	D.	1673.	3.		$\alpha$	14.	1657.	6.
		18.	1674.	7.			16.	1658.	13.
	$\delta$	7.	1675.	14.		$\eta$	4.	1659.	8.
		11.	1676.	7.			20.	1660.	30.
	$\Pi$	1.	1677.	9.			23.	1661.	8.
		20.	1678.	9.		$\zeta$	9.	1662.	10.
		24.	1679.	6.			27.	1664.	5.
	$\S$	26.	1682.	7.		Plat.		1663.	20.
		24.	1680.	13.			24.	1664.	14.
	$\Delta$	15.	1653.	9.		$\nu$	27.	1664.	6.
		3.	1681.	17.			14.	1666.	17.
		6.	1682.	15.			17.	1667.	17.
		26.	1683.	12.		$\pi$	2.	1668.	12.
	$\eta$	4.	1654.	4.			20.	1669.	12.
		8.	1655.	7.			22.	1669.	7.
		26.	1656.	5.		$\chi$	9.	1671.	10.
							27.	1672.	10.

Let no man object the Number of 26. found in  $\S$ , for That Excess pre-  
cedes from a Tropical, not Aquatique Sign.

§ 15. Some Specials may be further marked concerning *brides*, Fiery Me-  
teors, &c.

As to the First, I find long ago a Note of Rainbow Sept. 21. 1654. more  
than *Semicircular*: It was some entertainment to us, and could not be  
omitted. In the year 1678. July 22. I meet with a Note of two Rainbows,  
*Concentrick* I presume, seeing Philosophy will not otherwise allow it:  $\delta$   
 $\hbar$   $\wp$  was on Foot at both times: if it were but to help to gather the Moi-  
sture, as the  $\wp$  helps to the Lunar Halo. But there is somewhat more in  
it: Our  $\delta$  helps to the Lustre, and the Sign to the enlargement, the  
South-East, or South-West Angle of the Horizon cannot admit so large a  
Circumference, because it must needs be depressed according to the Ele-  
vation of the Sun, who paints it in his North Declination. But in the  
midst of the Horizon nearer the Cardinal Points, where the Sun runs in  
September, there may be ample space for a Glorious *Iris* to embrace the  
Spectators, while  $\hbar$   $\wp$   $\delta$   $\wp$   $\pi$ , all in  $\pi$ , or concerned thereabout, stand  
and look on: nevertheless we are not over-fond to impute our Concentrick  
*brides* to this Aspect, for  $\hbar$ ,  $\delta$  and  $\wp$  being in  $\pi$ , we do not see how  
they can overcast a Secondary *Iris* upon the First, form'd by the Sun, the  
Sun being in *grad. 9.*  $\Delta$ ; but whether  $\wp$  cannot, being within 14 degrees  
of the Sun, That I question. Yea, it may be that  $\hbar$   $\wp$   $\delta$  and the Rest,  
may qualifie the Vapours (more than draw it up) make it Light and Te-  
pid, more apt to take Colour, as I may say. For what is the reason that  
we have fewer Rainbows in the *Winter*, than in *Summer*? Is it not because  
the Winter Moisture is not of so rare and pellucid consistence as the Summer  
Drop? The Drop is more Clumse, Dense and Icy, not so apt to imbibe or re-  
flect the Light: whence there is no *Iris* ever observed from a Snowy, yea  
or a Sleeting Cloud. Thus far therefore all Aspects of Warmth contri-  
bute toward the Rainbow.

§ 16. We remember  $\hbar$  heretofore help't to send us *Hail*, the same is  
He complicated with  $\wp$  Here, and There, in some certain Places; we  
hear

hear of it under this Aspect, more especially *Mar.* 16. 1672. *June* 1.  $\text{A}^\circ$  1675. *May* 25.  $\text{A}^\circ$  1677. but *May* 18. Shattering Windows at *Highgate*, &c. *July* 23. At *Epsom*, such as hath not been within Memory.  $\text{A}^\circ$  1678. and  $\text{A}^\circ$  1682. destroying the Fruits of the Ground, *June* 24. and Day 29. terrible at *Rocheſter*, ſo *Auguſt* 18. a Ratling Storm.

§ 17. So let us remember  $\text{Q}$ , who in certain Signs I find, viz. from  $\text{S}$  to  $\text{m}$ , kindles Meteors, tay'd and trayn'd Meteors, but more frequently breaks out into Lightning and Thunder, as in all thoſe Days where the Hail is mentioned; yea, and many others not unfit to be noted, according to their Signs.

§ 18. Firſt, in the Sign  $\text{S}$ , Thunder. *May* (1675.) 24, 25, 31. *March* 1677. 22. much Lightning.

In  $\text{II}$ , *May* 17. Much Lightning. 18, 25, 26. Rain and Thunder.  $\text{A}^\circ$  1677. *July* 15, 16, 19, 22.  $\text{A}^\circ$  1678. *May* 8, 1679.

In  $\text{S}$ , *July* 3. at Home, and from abroad, News of Harmful Lightning from *Buſſi*, &c. ſo again, day 14. at *Leuſden*.

In  $\text{Q}$ , *July* 25.  $\text{A}^\circ$  1653. *Aug.* 23. 30. beſides *Dec.* 24. A Globe of Fire 3 hours at *Newburgh*, and *Sept.* 6. a Meteor from the North to the Southwards, ſeen in our *Moorfields*, *hor.* 10. P. M. with a Train of Six Inches Breadth.  $\text{A}^\circ$  1681.  $\text{A}^\circ$  1682. *Jan.* 24. at *Maxfield*, 29. at *Rocheſter*.  $\text{A}^\circ$  1683. *Sep.* 5. & 6. So much for  $\text{Q}$ .

In  $\text{m}$ .  $\text{A}^\circ$  1655. *July* 16. Showring and Thundring the whole day. 1656. *Sept.* 8.

In  $\text{=}$ .  $\text{A}^\circ$  1658. *Auguſt* 17.

In  $\text{m}$ , *Dec.* 16.  $\text{A}^\circ$  1660. much Lightning, ſo *die* 18. alſo.  $\text{A}^\circ$  1661. *Off.* 2. Harmful Lightning.

§ 19. Theſe Inſtances ought not to be diſſembled, becauſe ſew give us any Item of Thunder and Lightning from  $\hbar$  and  $\text{Q}$ , no, nor from Fiery Signs; whereas in theſe Signs preceding,  $\hbar$  and  $\text{Q}$  can Work at the Forge, or ſome Hireling for them.

§ 20. Further Diſputing about the Signs, let it be referred to its place. In the mean time no body is ſuch a Brute as to deny  $\text{Q}$  to be a Fiery Sign, the Evidence now brought will ſpeak to it. But where is  $\text{V}$  and  $\text{Z}$ ? 2ly. What have we to do with Earthly Signs?  $\text{S}$  ſurely was never Dry, nor  $\text{m}$  over Cold. 3ly. What if a Sign be Airy and Watry too?  $\text{S}$  for one. 'Tis impoſſible. Laſtly, That any one Sign ſhould equally partake of any one Character; when as one and the ſame Sign;  $\text{V}$  ſuppoſe, by all Men's confeſſion, ſhall be moiſt in ſome parts, rather than others. Therefore 'tis the Multitude of the Fixed, and the Situation of the Arch of the Zodiack and the various Relation to the VII. Planets. produce Fiery, Watry, Windy Influences.

§ 21. If  $\hbar$  &  $\text{Q}$  and  $\odot$  be in the ſame Sign, there may be Thunders; Nay, rather if  $\hbar$  and  $\text{Q}$  be at a Sign or Two Diſtance, before or after, This Table ſhews a Storm is impending. If  $\hbar$  and  $\text{Q}$  be in  $\text{II}$ , when the  $\odot$  is in  $\text{Q}$ , as above,  $\text{A}^\circ$  1678. or be in  $\text{Q}$ , when the  $\odot$  is almoſt in  $\text{=}$ , as  $\text{A}^\circ$  1681. 1683. ſuch a Conjunction, like a Knot in a piece of Timber, makes the Piece the Stronger, which hath its due Strength and Weight in the other unknownt parts, precedent or ſubſequent.

§ 22. If any ſhall ſay, that this agrees not with the Premises, where we term'd this Aspect one of the gentleſt Configurations, we answer, we ſpeak only comparatively, in relation to thoſe who are more brisk and active; and have reaſon ſo to be.

§ 23. But if again it be ſaid, we had no ſuch doings in  $\text{S}$   $\odot$   $\hbar$ , as if we made this the more Masculine Aspect: we have ſaid what we could to ſuch Objection in the precedent Chapters; ſo the Table follows.

F f f f

$\text{S}$   $\hbar$   $\text{Q}$

## J H &amp; Diary:

*A 1652. May 24. S 26.  
A die 16. ad June 3.*

16. Windy. N E.  
17. Little frosty, clear, wdy. NE.  
18. Clear, some wind, fog at n. NE.  
19. Mist m. clear. N E.  
20. Clear, calm. S E.  
21. Clear, some wet, misty at n.  
22. Misty m. clear. S W.  
23. Clear m. S W.  
24. Mist at n. S E.  
25. Windy l. rain, some L. Wind.  
26. Showrs; so at n. wind. S W. morn. W.  
27. Showrs.  
28, 29. Showring.  
30. Showring, windy.  
31. Mistyish n.  
*June 1. Cloudy m. clear.*  
2. Wind turn at night. N E.  
3. Cloudy m. clear.

14.  
15. Frost, fair. S W.  
16. Frost, cold, bright night. S W.  
17. Winds, dark cld. S W.  
18. Fair a. l. clear day.  
19. Winds a. l. dark, cloudy Moon appearing at night. S W.  
20. Cloudy m. clearing. S W.  
21. Some fits of wet, Rain-bow more than *Semicircular.* S W.  
22. Flying clouds, heat. S W.  
23. Winds obscure, Thunder seem to be at midn.  
24. f. rain a. l. wet p. m.  
25. f. store of rain 10 at n. S W.  
26. Clear day, warm. S W.  
27. Misty m. warm.  
28. Wind at 5 m. fair, warm. S W.

30. Close m. clear p. m. NE.  
31. Bright day. Ely.  
*Sept. 1. f. wind, cool, showring.* Ely.  
2. A little close m. p. and cold. Ely.  
3. Close, cold. Ely.  
4. Winds and showrs about o. blows away; fair. N E.  
5. Thick, mist w. variable.  
6. Warm, faint blackish cl. S W.  
7. Close, faint. S W.  
8. Fair, store of rain toward London. N E.  
9. Flash of Lightning. N E.  
10. Close, sometimes cloudy. N E.  
11. Close, lowring; some wet. N E.  
12. Red m. frost, curious d. N.  
13. Frost, mist, blackish cl.  
14. Rain a. l. so after Sun rise.  
15. Rain a. l. dropping. N W.  
16. Fair, blackish clouds. NW.

*A 1655. July 12. M 8. a die 3. ad 22.*

3. Fair, hot. S W.  
4. High wind, troubled sky. S W.  
5. Some moisture 8 m. &c. S W.  
6. Cool wind, some minding at n. N W.  
7. Two or Three drops, offer of R. o. W.  
8. Hot, Two or Three drops. N.  
9. Fair, hot. N.  
10. Foggy m. high wind. S E.  
11. Some white clouds. N E.  
12. H. wd and cool. N E.  
13. Excessive hot. Th. S E.  
14. Red m. hot. S E.  
15. Hot, clear, cloudy.  
16. Thunder 4 m. showing and rumbling all day. S W.  
17. Wet m. clearing at night. S W.  
18. Mist; some coasting, fair. N E.  
19. Windy, some showrs. N E.  
20. Lost, but no notable weather.  
21. Mist, some lowring. NW.  
22. Hot. W.

*1657. Nov. 3. 14. a die 26; Off. ad 13. Nov.*

26. Cool, showring a. m. S W.  
27. Overc. m. cool. S W.  
28. Hot, dry, open. S W.  
29. Fair, hot, dry. N W.  
30. Fair, hot, dry wind. NW.  
*Nov. 1. Winds threatn. m. fair p. m.*  
2. H. red wind, threatn. NE.  
3. High wd, higher p. m. NE. S E.  
4. High wd, obscure and wd at n. N.  
5. Close m. threatn; muddy cl. at n.  
6. Close, threatn. moist.  
7. Frost, some wind, clear at p.  
8. Fr. fair, lowring. NE.  
9. Hard fr. ice, threatening & p. N E.  
10. Fr. fair, pretty hot.  
11. Cloudy a. l. showing 10 m.  
12. Close m. warm, offering to drop.  
13. Wind a. l. and all day.  
14. Stormy and close rain.  
15. Blustering wind, some moisture.  
16. Rain a. l.

*A 1654. Sept. 20. M 4. A die 11. ad 28.*

11. Misty m. hot. N W.  
12. Misty, cloudy; rainlike wds.  
13. Wind before Sun rise.

*1656. Sept. 6. M 26. A die 26. Aug. ad 19. Sept.*

29. Clear a. l. blew mist. S E. N E.



12

1658. Aug. 26.  $\Delta$  16. a die  
17. Aug. ad Sept. 4.  
17. Showring, Thunderclap  
10 m. Light. at n.  
18. Close m.p. clouds strewn.  
19. Fr. windy, some wet 4 p.  
SW.  
20. Misty 4 m. warm, shows  
7 p.  
21. Foggy m. cold: H. winds,  
wet 8 p. W.  
22. Close, serious wet all  
day. SW.  
23. Fair, warm, a shower at  
Sun set. SW.  
24. Fair m. fog 7 m. warm  
Wind.  
25. Misting m. high wind.  
SW.  
26. Cloudy, uncomfortable,  
cold. SW.  
27. Cool, open m. dropping  
7 p. W. SW.  
28. Rain, warm, rain 4 p. ad  
6 p.  
29. Rain 4 m. High wind at  
night. W.  
30. Blustering and stormy all  
n. dry. NW.  
31. Fair m. wind rise. Ely.  
Sept. 1. Open, cold, showers.  
Ely.  
2. Frost, snow, wet. Wly.  
3. Cold, close m. showing to  
p.  
4. Fr. close m. ground mist  
10 p. NE.

1659. OH. 23. m 4. a die  
15. OH. ad 1 Nov.  
15. Rain, fair, open.  
16. Fair, cool; High wind  
at night.  
17. Rain 3 m. & a. m. H. wd.  
W.  
18. Cloudy m. p. some drops  
Sun set. E.  
19. Close, windy.  
20. Close, windy a. l. shower  
6 p. W.  
21. Fair, cool. Wly. not clear.  
N.  
22. Fr. fair, shower 11 p. Wly.  
23. Close, wet, windy, warm.  
Wly.  
24. Wind high a. l. fair a. m.  
windy.  
25. f. rain 10 m. open.  
26. Hard fr. foggy.  
27. Fog m. close. Nly.  
28, 29. Foggy all day.  
30. Close mist, warm. N.  
31. Close rain. Sly.  
Nov. 1. Bright, cold. NW.

1660. Dec. 15. m 20. a die  
6. ad 26.  
6. Mist m. fair.  
7. Thin mist m. S.  
8. Close, but fair m. W. S.  
9. Fair, H. stormy winds. SW.  
10. Fair, cold m. VV.  
11. Rain a. l. stormy wind.  
VV.  
12. Fair, H. blustering wind.  
VV. S.  
13. Frost, fog between 10  
and 11. SE.  
14. Fr. fog m. day freezing.  
W. by S.  
15. Fr. fog, rain. SE.  
16. Fair, high wind, storms  
Rain and much Light. VV.  
17. Rainy, windy day. SVV.  
18. Clear till 7. then clouds;  
Light. VV.  
19. Rainy a. l. VV.  
20. Cloudy about 9. rainy  
day.  
21. VVindy, fair m. SVV.  
22. Fair m. rainy n. VV.  
23. VVindy, threatening the  
whole day.  
24. Cloudy, close; rainy E-  
ven. S VV.  
25. VVet, rainy m. clear 11 p.  
p. m.  
26. Fair; a shower. S VV.

1661. OH. 8. m 23. a die 29.  
ad 16. OH.  
29. Sad rain a 3 m. ad 9 m.  
30. Fr. shower 2 p.  
OH. 1. Shower 6 m. cold.  
2. Threatning 8 m. dropping  
shower. Thunder, and a  
House burnt By Lightning.  
3. Fog, warm Even. E.  
4. VVarm 8 m. mist. E.  
5. VVarm, fog fall.  
6. Cool m. dry, warm.  
7. fair warm, misty at n.  
8. Cloudy Misty, warm.  
9. Dry m. some wetting.  
S VV.  
10. Fog, warm; colder.  
11. L. rain 2 m. cold, mist.  
Ely.  
12. Sun app. all m. cloudy p.  
m. N E. S.  
13. l. fog m. some drops 9 m.  
mist falling.  
14. l. frost m. but a clear d.  
E. N E.  
15. Fr. ground mist, shower  
p. m. NVV.  
16. Frost, mist, cold. N VV.

1662. Dec. 15. 9. a die  
26. ad Dec. 13.  
26. Fog, frost, clear n.  
27. Fog, frost, some snow  
a. l.  
28. Frost, fog, hardy.  
29. Fog, frosty.  
30. Fog, frosty, some wet.  
NE.  
Dec. 1. Frost, fog, some rain  
p. S VV.  
2. Fog, cold, raw, rain 7 p.  
3. f. snow a. l. frosty.  
4. 5. Frosty, fog.  
6. Frosty, fog, fair. S VV.  
7. Frost, fog, snow m. p.  
8. Frost, fog, clear above.  
9. Fr. snow all day, high wd.  
NE.  
10. Snow a. l. hard winter.  
11. Frosty, fair, fog.  
12. Thaw and slabby; some  
R. p. m. S VV.  
13. Thaw all n. fog; rain 5.  
ad 8 p.

1663. Phil. OH. 27. 2 15. a  
die 3. OH. ad 11. Nov.  
3. Close, drizzling 8 m. & o. &  
rain a Sun set ad 10. then  
open. SE.  
4. Fog and wet; some drops  
p. Sun set. S E.  
5. Rain a Sun rise; rain 4 p.  
& 11 p. SE.  
6. Rain a Sun rise & p. m.  
and Sun set. Sly.  
7. Much rain a 2 m. Rain 2p.  
Sly.  
8. Rain a Sun rise ad 10. then  
S VV.  
9. Fair, cool. SVV.  
10. f. rain 2 m. fog. E.  
11. Rain a. l. E. SE.  
12. Rainy a. m. & p. m.  
13. Cold m. open, drizzling 8  
p. E S E.  
14. Moist m. wet p. m. SVV.  
15. Mist, some wet, Meteors.  
S. SVV.  
16. Fair a. l. much wet.  
17. Frost, some wet, high wd.  
S VV.  
18. Fair, drizzling r. p. & 9 p.  
SVV.  
19. VVind all n. Rain 4 m.  
SVV.  
20. f. rain about Sun rise, &  
2 p. SVV.  
21. Close, but no rain or wd.  
S VV.  
22. Close m. dash o. S. S W.  
23. VVarm, open at n. S VV.  
24. Close, opening, dry.  
25. Mist

25. Mist m. rain o. S E.  
 26. Storms all n. cold. S. S E.  
 27. Misty, some lowring, cold, fair. N.  
 28. Close m. drifling; some Rain o. S W.  
 29. Mist, frost, fair. S W.  
 30. Mist, frost, cold, fair. SW.  
 31. Cloudy, cold a. m. Sly.  
 Nov. 1. Wind a. l. rain 4 m. hottish. Sly.  
 2. High wind, offering 11 m. hottish. Sly.  
 3. High wind, hottish. Sly.  
 4. Wind, rain, hot. Sly.  
 5. Rain 7 m. wind, rain. S W.  
 6. Warm, high wind, rain 11 p. S W.  
 7. Very H. wd, rain p. m. stormy. S W.  
 8. H. wd *vefp.* blustering n. S W.  
 9. Stormy, rainy. S W.  
 10. Storm of rain 2 m. wind. S W.  
 11. Close m. p. showr 2 p. S W.

1664. Jan. 21. 2 24.  
*a die 9. ad 31.*

9. Frost, fog, dath. S. S E.  
 10. Wet m. wind, wetting o. S W.  
 11. f. drifling m. & p. m. & 9 p. S W.  
 12. Cloudy; drifling Sun set.  
 13. Wind a. l. f. rain, drifling Sun set.  
 14. H. wd all n. wet, storm 7 p. S W.  
 15. f. wet, threatening. S.  
 16. Close m. wind warm. S.  
 17. Close, windy, flying cl.  
 18. Drifling 1 p. and Sun set, Rain 10 p. S.  
 19. Close m. p. and moistm. Sly.  
 20. Mist, close, moist.  
 21. Fog, fair.  
 22. Fog m. fog at n.  
 23. Foggy and misting, f. wind. S.  
 24. Hard fr. fog.  
 25. Clear Fr. snow, thaw. Nly.  
 26. Sharp flying cl.  
 27. Snow m. & a. m. Thaw and Rain.  
 28. Frosty, high wind. N.  
 29. Hard fr. fair, wetting 3 p.  
 30. R. a. l. showr 4 p. N.  
 31. Close m. p. fair at n. freez. E, N E.

1664. Nov. 18. 2 27. *a die*  
*10. ad 28.*

10. Frost, ice, mist, fair. SW.

11. Fr. ice, foggy, freez at n.  
 12. Rain m. fair, cool rain 10 p.  
 13. Tempest of wind and R. Hail 3 m. high wds.  
 14. Open, fair wind.  
 15. Overcast, close p. m. f. rain 4 p. & 7 p. S W.  
 17. Fair m. p. wdy; freez at n. Rain 1 m.  
 18. Fr. cold mist, gentle R. 6 p. & c.  
 19. Fair, bright n.  
 20. Fr. Ice, fair. S. S E.  
 21. Mist, frost, f. ice; R. a 9 m. ad 11. W.  
 22. Hard white frost, ice, but fair.  
 23. Hard fr. fair.  
 24. Fog, frosty, fair; freez at night.  
 25. Hard fr. thaw o. and rain. 11 p. S E.  
 26. Drifling m. raw, mist at n.  
 27. Mist, raw, rain 11 m. & p. m. & 6 p.  
 28. Wet a. l. so all m. S W.  
 1665. *Aspetu vacat.*

1666. Jan. 16. 2 14. *a die*  
*7. ad 24.*

- Jan. 7. Warm, fog, wetting 10 m. E.  
 8. Misty, misting *die tot.* N E.  
 9. Mist, rain Sun occ. & 9 p. Ely.  
 10. Mist, mild, freez at n.  
 11. Mist, coldish, wetting 9 p.  
 12. Rain Sun occ. & 6 p. coldish.  
 13. Cold, freez 8 p.  
 14. Rain Sun rise, & a. m. fog at n.  
 15. Misty, Sun had not shined many days.  
 16. Fr. mist.  
 17. Fr. open m. snow 8 p. 12 p.  
 18. Frosty, snow, showr 11 p.  
 19. Frosty, offering to snow.  
 20. Frost m. wet 2 p.  
 21. Fair, high winds.  
 22. f. rain a. l. mild.  
 23. Fr. fair, wdy.  
 24. Tempestuous *harmful* wds, Rain, stormy dath.

*Iterum Nov. 12. 2 17. a die*  
*2. ad 23.*

2. Warm, f. drop 1 p. Nly.  
 3. Close m. open and mild p. m. N N W.  
 4. Fair and warm, some gusts. W.

5. Wind and rain n. fair. Wly.  
 6. Frost m. Meteors 7 p. Wly.  
 7. Warm, showr 2 p. and Sun set, & 7 p. Wly.  
 8. Foggy m. and all day. Sly.  
 9. Close and mistyish, Meteors 9 p. Sly.  
 10. Rain a. l. dash of rain 11 m. at n. 11 p.  
 11. Rain m. p. hold up p. m. fog at n. Sly.  
 12. Fog m. shows a. m. & a. m. Sly.  
 13. Wet m. showing toward Sun set.  
 14. Rain after midnight, and so till o. S W.  
 15. Rain after midnight, and a. m. SW.  
 16. R. after midn. and all day; *Floods.* S W.  
 17. Wind blows all n. hard; R. a. m. W.  
 18. Fr. fair, curious day. NW.  
 19. Wind and rain a Sun rise. Wly.  
 20. Rain a Sun rise, misty 8 p.  
 21. Rain still a. l. & m. p. & a. m. Ely.  
 22. Moisture a. m. R. p. m. & 7 p. Wly.  
 23. Fair, calm m. wind rise o. showr 2 p.

1668. Jan. 1. 2 2. *a die 23*  
*Dec. 1667. ad 10 Jan. 1668.*

23. Mist, close m. thicker o. Nly.  
 24. Fr. misting, fog 8 p. Sly.  
 25. Frost, fine m. not clear at night.  
 26. Close, no wind, fog n.  
 27. Foggy, warm; misting m. so at n.  
 28. Close m. wind rise p. m. drifling at n.  
 29. Fr. clear m. p. stormy: Wly.  
 30. Fr. storm of hail. Ely.  
 31. Fr. fair m. p. Wly.  
 Jan. 1. Murrain of Horses about *Kentish* Town. Small Pox, distractions; Rain a. l. wetting m. blustering n. Wly.  
 2. Fair a. m. some wetting. S W.  
 3. High wind a. l. misting m. N W.  
 4. Windy, dropping, drifling a. m.  
 5. Tempestuous all n. & die tot. toward even; f. shows p. m. Wly at n. Nly.  
 6. Rain

6. Rain m. wind rise, misting m. p.  
 7. Tempest of wind Rain a. m.  
 8. Wind audible, shower 2 p. 4 p. 6 p. S W.  
 9. Fr. calm, fair m. but windy o. Nly.  
 10. H. storm; wind a. l. NE.

1665. Feb. 27. ☾ 20. a die  
 18. ad 8 March.

18. Warm winds, shower 2 p. 11 p. Sly.  
 19. Offering at n. to snow.  
 20. Frost, offer to snow. Nly.  
 21. Fog, open. N E.  
 22. Fog, may mistle. Ely.  
 23. Fog, open.  
 24. Winds and clouds, offering.  
 25. Mist, open.  
 26. Cold wd Nly. l. or no moisture.  
 27. Close, wet, wdy.  
 28. Warm wds, shower 2 p. 11 p. Sly.  
 March 1. warm; shower and wind 2 p. & 11 p. S W.  
 2. Fr. mist m. warm at n. Sly.  
 3. f. wet 6 m. warm. Wly.  
 4. Fr. coldish wind, wet o. Nly.  
 5. Foggy a. m. & n. Nly. at night. Sly.  
 6. Thick fog; warm, fog at night.  
 7. Fr. warm, open. S W.  
 8. Rainy, wdy, Thunder in some places.

Iterum Dec. 20. ☾ 22. a die  
 8. ad 28.

8. Hard fr. winter; close m. p.  
 9. Close, mild p. m. wetting, high wind.  
 10. Close brisk wd. Nly dash p. m.  
 11. Frost, mist m.  
 12. Frosty, fair, some mist at night.  
 13. Water freeze in a Basin. N E. fair, high wd.  
 14. Frosty, f. mist m. close at night.  
 15. f. rain a. l. then freeze, fog thaw.  
 16. f. mist, mistle m.  
 17. Wd b. d. fr. freeze. Nly.  
 18. Frosty, bright. Nly.  
 19. Frost; cloudy m. clear p. m.  
 Sun rise red, offer snow  
 6 m. W. cutting wd and cold. N E.

21. High wind and frost, fo at n. Ely.  
 22. f. snow m.  
 23. Frost.  
 24. Frost and snow all m.  
 25. White fr. Thaw. N E.  
 26. Vehement frost, scarce tolerable. N E.  
 27. Equal frost m. milder, no thaw.  
 28. Fr. but more close, high wind at n.

Ad 1671. Feb. 14. ☾ 9.  
 A Feb. 6. ad 21.

6. Fr. some snow found m. open. Nly. 4 Hail 9 p. Wly.  
 7. Fr. snowing m. misty and misting die tot. wetting 2 p. S W.  
 8. Wetting a. m. & p. m.  
 9. Close, windy at n. warm. Sly.  
 10. Close; wetting a. m. & m. p. fo 9 p. 11 p.  
 11. Fair wind, overcast p. m. Ely.  
 12. Close m. h. gusts 3 p. & c. drizzle 9 p. Sly.  
 13. Warm m. close and mist toward even.  
 14. Cool, close m. p. Sly.  
 15. Close m. p. mist even. Ely.  
 16. Close m. p. wetting 3 p. S E.  
 17. Fog open, very warm p. m. S E.  
 18. Close; dewing o. & 10 p. N E.  
 19. f. wet m. drizzle a. m. cold, close.  
 20. Shower o. hail 3 p. wetting vesp. Sly.  
 21. Very cold; open wd, often showing, Lightn in the West. Nly.

1672. Apr. 12. ☾ 27.  
 Ab Apr. 3. ad 20. inclusive.

3. High wind p. m. Wly. Hail 2 p. 3 p. 5 p.  
 4. Cold m. offering o. h. wd; close vesp.  
 5. Close dropping m. & a. m. windy.  
 6. Close, wetting a. m. shower o. p. m. 11 p.  
 7. Dropping 9 m. o. shower 6 p. Nly.  
 8. Wetting 4. ad 8 m. close, wetting 11 p. Nly.  
 9. Close mist m. Nly.  
 10. Cold m. close, wetting a. m. p. m. rain n. N VV.

11. Close, wetting 9 m. Nly.  
 12. Close, misty. Nly.  
 13. Coldish m. close, misty Nly.  
 14. Close. N E.  
 15. Close, f. drizzle 11 p. S W.  
 16. Wind and wet 6 m. cool wd; cold n.  
 17. White fr. cold, f. mist.  
 18. Cold, misty. N E.  
 20. Windy, misty. N E.  
 Apr. 16. Hail and snow in the Country. News of several Frosts this week. 4 T. M felt in Venice, but much harm in Arimini in Italy.

1673. Feb. 1. V o.  
 A Jan. 23. ad Feb. 10. 19

23. Open, cold, windy. Nly.  
 24. Snow a. m. & 1 p. h. fr. N E. High wd. a. m. & n. cold, freezing at n.  
 25. Hard frost, sharp wind. overcast p. m. & n. E.  
 26. Hard frost, cold wind. Ely.  
 27. Hoar fr. yet air is not cold, mist; ice in Thames.  
 28. Hoar fr. thaw, closing p. m. Ely.  
 29. Close, coldish. N E.  
 30. Drizzle m. close, misty, f. wind. N E.  
 31. Fr. ice, wind close 11 p. N E.  
 Feb. 1. Close m. open, misty. N E.  
 2. Fr. hoar, misty m. & even. N E.  
 3. Close m. p. N E. frost m. f. ice.  
 4. Frost and cold, frosty n.  
 5. Frosty. N E. freeze at n.  
 6. Frosty, foggy all day. S E.  
 7. Frosty m. foggy, close p. m. N E.  
 8. Drizzle 6 m. 6 p. close, foggy; misting p. m. S W.  
 9. Open, overc. o. some wd. N E.  
 10. Open a. m. close, dark p. m. S E.  
 T. M. at Cologne and Bon 3 p. Gazer 759. 15

1674. Apr. 1. V 18.  
 A March 23. ad Apr. 10.

23. Fog, wind m. Nly. S W. Aches.  
 24. Close fog, some wind. Wly. N VV. Aches.  
 25. VVarm, open, f. mist. SVV.  
 26. Rain m. close, warm; f. mist. S VV. Nly.  
 G g g g 27. Cloudy



27. Cloudy m. p. SW. warm,  
yea hottish. Nly.  
28. Hottish N W. open. Wly.  
29. Fog, hor. Nly.  
30. Open m. p. fog, cloudy;  
brisk wd. Ely.  
Apr. 1. Frost, bright wd. Ely.  
Aches.  
2. Red wind m. Aches. S W.  
3. Close, wetting 7 m. High  
wd. S W.  
4. Close, wetting 10 m. &  
1 p. S W.  
5. Open. S W.  
6. Mist m. shows 11 m. Sly.  
7. Shows 7 m. warm, open,  
fits, Aches.  
8. Some wind, Aches 10 p.  
Ely.  
9. Close a. m. offer p. m. mi-  
sty; Aches 5 p. cool. Sly.  
10. Showry 11 m. warmer;  
mist, Aches. S W.  
Storm at the Wells and Lyn,  
deep Shipwracks.

1675. May 29. ☾ 7.  
A May 18. ad June 1.

16

18. Close, fair. S W.  
19. f. drops vesp. Nly.  
21. Cool m. warm, lowering  
9 p. Ely.  
22. Hot, cloudy 5 p.  
24. Hot rain 7 p. Thunderclap  
1 p. some wet 6, 8, 10 m.  
25. Rain 10 m. wind, show-  
ring, Thunder, Rain 7 p.  
S W.  
26. f. moisture 7 m. rain 5 p.  
9 p. hard 11 p.  
27. Rain 2 l. 11 m. & p. m.  
mist. Ely.  
28. Rain die tot. close, show-  
Indisposition.  
29. Open, lowering. Ely.  
30. Fair, floating clouds,  
close vesp. f. drops.  
31. Rain 7 m. 10 m. showr p.  
m. Sly. Thunder.  
June 1. Rain 7 m. 10 m. with  
great Hailstones.  
Brisk wd. coasting shows 1 p.  
7 p.  
2. Some wetting o. 1 p. 3 p.  
8 p. 9 p. Wly.  
3. Little showr 3 p. Wly. In-  
dispositions.  
4. Close, f. rain 11 m. 7 p.  
wind brisk. Wly.  
5. Dry, warm at night. Nly.  
6. Warm a. m. coasting showr  
o. 3 p. 8 fere.  
7. Rain o. &c. windy even, &  
close. Indisposit.  
8. Close, open. Nly. N E.

13

1676. March 20. ☾ 11.  
A March 12. ad 29.

12. Frost, gusts of wind 2 p.  
Ely.  
13. Fr. Ely. Fits of Con-  
vulsion. Indispositions, show-  
11 p.  
14. Fog. N E. Meazels break  
out.  
15. Fog, warm. Wly. Sly.  
16. Fr. m. warm, f. wetting  
S W.  
17. Fr. 2 m. warm wind, S E.  
Indisposition.  
18. Some rain 5, 6 m. close  
m. p. wetting 10 p. Ely.  
19. Mist, wetting 4 m. wd.  
Ely at o. SW.  
20. Open m. close wd, drisse  
11 p. S W.  
21. Open, warm. S E.  
22. Some mist, warm; much  
Lightn. at Limehouse 10 p.  
23. Close, cool, brisk wind;  
showr 5 p. Ely.  
24. Rain m. brisk wd vesp.  
Ely.  
25. Misty, wet m. p. and  
brisk wd. N E.  
Much rain 8 p.  
26. Open, windy; Headaches.  
N E.  
27. Cold and rough wind; In-  
disposit. Ely.  
28. Frost, w. not so rough.  
Indisposition.  
29. Fr. warm. Ely.

1677. May 20. II 1.  
A May 10. ad 29.

10. Warm, windy. Wly. R.  
1 m. 10 p. ab Oph. cap. ad  
Lynam.  
11. Warm, overc. at a. Ely.  
Gout.  
12. Rain apace 4 m. wind o-  
pen, warm. S W.  
13. Close m. gusty, sprinkle  
8 p. S W.  
14. Warm day. Wly.  
15. Some little R. 7 m. warm  
wd. Wly. Ely.  
16. Mist, fair, very hot, brisk  
wd. Ely.  
17. Some puff of wd, foultry  
hot. Boys sicken. Meteors  
10 p. Ely. much Lightn.  
wet 2 m.  
18. Soultry hot, Th. with  
dash of Rain 4 p.  
19. Dropping 3 p. showr 4 p.  
serious.  
20. Foggy, gusts of wd 2 p.  
5 p. cold day.  
21. Overcast a. m. wind va-  
rious.

22. High wd. A drop or 2-  
seen afar off. Indisposi-  
ons; mist at n. Ely.  
23. Some wd. Ely.  
24. Windy a. m. hot day, cool,  
wd.  
25. Hot, gr. Hail, R. Th. 3 p. Nly.  
26. Some mist, Meteor 11 p.  
Lightning.  
27. Some drops 7 p. 8 p. wet-  
ting.  
28. Close m. and vesp. open,  
R. 10 p. midn.  
29. Wet a. m. tot. ad 1 p.  
windy.  
Die 18. Great Hail at London,  
and Highgate, broke Win-  
dows.  
19. Short Meteor about Lyr.

1678. July 16. II 20.  
A July 6. ad 26.

6. Brisk wind, hot p. m. red  
Heaven all over 8 p. Wly.  
N W.  
7. Brisk wd, hot p. m. & vesp.  
red Heaven.  
8. Brisk wd, mist. W.  
2. A sh. m. cool brisk wd. NW.  
10. Brisk wd, mist, cold wind,  
warm p. m.  
11. Brisk wind W. warm p.  
m. shoulder 10 p.  
12. Brisk wind. N. shoulder  
11 p.  
13. Mist, brisk wind. W. warm.  
14. Brisk wind W. warm. Sly.  
Lightn. 10 p.  
15. Hot night, Lightning m.  
High wd 5 p. Meteors in  
☾ 2 ☾.  
16. Very hot n. warm day;  
Lightning 12 p.  
17. Open, wet n.  
18. Some moisture o. H. wd  
3 p. Wly.  
19. Rain midn. 6 m. close,  
wetting, with Th. serious  
rain a. 5. ad 9. Sly.  
20. Showr 10 m. ante 8. & 10  
p. Dash ante 3 p. with dash  
again. Sly.  
21. Brisk wind, misty, warm.  
Cloudy 10 p.  
22. Mist, showr 3 p. Thunder  
5 or 6 times in S E. 2  
Rainbows at the same time.  
S W.  
23. Mist; 2 drops; brisk wd.  
Showr of hail at 2 p. a. m.  
m. such as not within the  
Memory of Man.  
24. Mist, stiff wd, warm, some  
wet. Wly.  
25. Mist, Rain 1 m. f. wet-  
ting 11 m. H. wd vesp. Sly.  
26. R.

26. Rain 3 m. brisk wind, coasting *ante* 3 p. R. 5 p. Wly.

1679. May 9. II 24.  
Ab Apr. 29. ad May 18.

29. Fair Nly. red even.  
30. Open, cloudy, f. wind, Wly. Meteors with a Train 9 p.

May 1. Gentle wd, very warm. Sly.

2. Open, cloudy; some wd, Heat. Sly.

3. Heat, some wd, overcast *vesp.* Sly.

4. Some fog, heat, brisk wd. Wly.

5. Warm n. some rain m. SW. wetting a. m.

6. Rain m. drille 7 m. wind. Sly. Rain apace o. & 1 p.

7. Close, some wd. Sly. little shower *ante* 9 m. offering 1 p.

8. Close Nly. Thunder 4 times 4 p. some rain, warm. Wly. at n. Ely.

9. Close rain 3 m. and 7. dri- p. m. Aches. N E.

10. Rain 6 m. great fog, close 8 m. Ely. cold wind, close m. p.

11. Close, f. wd, f. mist, brisk wind. Ely.

12. Cold wd, Colick, 12 p.

14. Open, some wd, Ely. cold m.

15. Open, gentle wind, frost m. Sly.

16. f. wind Sly. close sometimes p. m.

17. Hot p. m. and overc. Wly. Nly.

18. Warm day. S W. H. wd, lowering p. m.

1680. July 9. S 14.  
A June 30. ad Jul. 18.

30. Mist, H. wind, dewing 7 m. showr 11 m. close wd. Nly. f. mildew observed by the Country man, blasting where it lights.

Jul. 1. Close mist, open m. much cooler.

2. Close, brisk wd, showr m. warmer rain 2 p. & offering 8 p.

3. Mist, cool wind, showing a. m. Dash 1 p. and Thund. Stormy wind and drille, *vesp.* S W.

The Plague at Andalusia and at Prague, dyc 7 or 800. in one Week.

4. Brisk wind, close m. p. f. dewing 10 p. S W.

5. Rain 7 m. smart showr 5 p. dewing ad 9 p. Wly.

*Roterdam Gazet.* Basil several Houses endammaged, and Fields by Thunder and Lightning.

6. Brisk wd, cloudy, open. Wly.

7. Gentle wind, open; close 9 p. Rain 6 p. ad 10 p. S W.

8. Rain 5 m. Ely Fog. A Meteor 12 p.

9. Fog, bright; hot n. S W

10. Fog; Meteor 10 p. Sly.

11. Brisk wd, warm. Ely.

12. Fog, close, hot Meteors. Ely.

13. Brisk wd, close, R. *ante* 11 m. & 6 p. & 8 p. hot though close. Wly.

Plague at Dunkirk. Extraor- dinary Relations. N. 60.

14. Cool, brisk wind, R. 11 m. showr 6 p. H. wd, Meteor 11 p. *Leusden* Lightning in the Night pierc'd the wall of the Tower, and fired Powder, Tower, Castle, and great part of the Street blown up. *Gaz.* 1531.

15. Open, mist 10 m. showr 11 m. Dash *ante* 4 p. offer 9 p. Sly.

16. Brisk wd, open, cooler Rain p. m. 1 p. f. wet *vesp.* Wly.

17. Rain 3 m. & 6 m. H. wd, cool n. Rain 8 p. misty; f. rain 11 p. Nly.

18. Rain 1 m. dash 10 m. & 7 p. Rain *die tot.* N E.

1681. Sept. 2. S 3.  
Ab Aug. 22. ad Sept. 12.

22. Cool m. hot Meteor *ante* 9 p.

23. Soultry day; Very much Lightning *ante* 8 p. Thund. and l. rain ad 11 p. W. S.

24. High wind *die tot.* S W. Meteors fly apace in N. & E. *Newburgh.* A Body of Fire-Globe, burning in the Air for 3 hours.

25. Mist 7 m. Rain 8 m. hot n. H. wd; a showr 5 p.

26. H. wind a. l. & *die tot.* cloudy m. p. Wly.

27. Rain 8 m. close & darkish.

28. Open, close o. a drop. Wly. warm.

29. Open a. m. warm, closing 5 p. drille 7 p. 8 p. S. p. m.

30. Warm n. close, smart showr 10 m. f. wd, flash of Lightning *ante* 11 p. f. drops.

31. Showr 7 m. showing hard 10 p.

27. Whale in *Flushing* taken. Hurricane.

Sept. 1. Showr coasting 5 p. & wd. S W.

2. Showr 11 m. & *ante vesp.* ad 11 p. open.

3. Rain *ante* 3 m. ad 11 m. Meteor 9 p. Wly.

4. Rainy a. m. brisk wd. Nly.

5. Cool, high wd, offer *ante* 6 p. Wly. rain p. m. close

6. Cool m. overcast p. m. Wly. Meteor seen in *Moorfields* *ho.* 10 p. Ab *Arto* in *Merid.* with a Stream 6 inches broad, *Gazet.* A Comet for 3 days, *ho.* 9. in S E.

7. Close m. p. drop 6 p. wd. S W.

8. Close m. showr *ante* 8 m. H. wind. N W.

9. Meteor 1 p. between *Cymfers* and *Draca.* H. wd.

10. H. wind m. p. closing a. m. wetting *ante* 11 m. f. *sub vesp.* NW.

11. H. wd, fair. NW.

12. Cool m. wd, overcasting p. m. close 11 p. N W.

1682. June 27. S 6.

A June 19. ad July 5. inclusive.

19. Warmer, f. wind. Wly. open 4 p. ad Sun acc.

20. Cool and brisk wind m. close, drille *circa* 3 p. and 9 p.

21. Some rain 6 m. H. wind m. p. pretty warm. S W.

22. High wind m. p. very often showing 8 m. & o. & 5 p. 6 p. 9 p. warmish.

*Strasbourg, Grafs* ~~rots~~ on the ground by the excessive R. that hath fallen here. *Benskins.* N. 117.

23. Warm m. f. wet 5 m. wd brisk m. showr 11 m. Gr. dash of Rain and Thunder. N W.

24. Cooler, showr 10 m. & post 2 p.

*Maxfield.* Hail, Thunder and Lightning destroyed the Corn, hurt several Persons.

25. Showr 11 m. 1 p. 6 p. Sun acc. Gusts of winds rise 3 p. S W.

26. Cool, gusts of wind 1 p. some

- some gales 9 m. showr discover'd 2 p. smart showr after 6 p. red even, wd m.
27. Rain 4 m. & 5 m, open, f. wd. N W.  
Brussels, we have had very bad weather here like to spoil our Harvest, *Gazet*.
28. Warm, close, some drops past 8 m. Rain 10 m. some R. past 7 n. S E. Wly
29. Close, gusty; very high wind 7 p. f. wetting ante 1 p. fo ante 3, 7, 10 p. Indisposition at n.
30. Close, H. and stormy wds 1 m. fo m. p. especially p. m. Rain circ. 4 p f R. 7 p. S W.  
Before the 26th of June XI. Frosts at Chelsey Garden. About the 7. or 9. such as injur'd the Melons and Cucumbers.
29. Rochester. Terrible Hail, Thunder and Lightning. Benskins 116.
- Jul. 1. Cooler, windy, drisle, stormy and wet 10 m. Wly.
2. f. wetting at or. before Sun rise; Snowing 9 m. smart showr ante 11 m. wetting o. 1 p. 2 p. High wd a. m.
9. Rain early, & die tot. fere, showr 8 p. S E. m. S W. p. m. Gusts of wind 10 p.
- gentle Rain 11 p.
4. High wind, some Rain 3 p. N W.
5. f. gusts, suspicious, open p. m. closing vesp. open n. Wly.
1683. Aug. 28. Sl 26.  
Ab Aug. 13. ad Sept. 6.
13. Close a. m. f. drisle, open p.
14. Rain m. Rainy o. close, hot, wetting, H. wind. SW.
15. Foggy, rainy m. p. m. & a. m. High wind, cold.
16. Cool m. f. drops a m. showr 5 p. Brisk rain 7 p. N W.
17. Misty m. some rain, cooling o. & 1 p.
18. Open, cold wind m. sho. o. Th. 3 or 4 Claps. A Ratling Storm. Some R. and Hail. N W.
19. Cloudy, wind audible, open. Wly.
20. Some mist, often clouding and close. W.
21. Foggy m. close m. p. f. drops 3 p. Sly.
22. Foggy, warm, l. wd. Wly. Sly.
23. f. mist, f. clouds m. f. wd, hot p. m.
24. Misty, lowring, very hot day, l. wind. Sly.
25. f. wetting 8 m. & p. m. warm, f. wind. S W.
26. Misty m. H. wd, wetting 8 m. S W.
27. Mist m. high winds, smart showr ante 4 p. f. drops 6 p. S W.
28. Cloudy, very high wind. N W. W.
29. Cloudy, very high wind. NW. SW.
30. Cloudy, windy, open at night. S W.
31. Mist m. close m. p. hor. rish. Sly.
- Sept. 1. Overcast, open, calm, Wly.
2. Fr. m. Fog. Clouds Sly. Wind Ely. S E.
3. Cloudy a. m. with gusts; Rain in S E. Foggy p. m. Wly. Sly.
4. Foggy m. & a. m. cloudy vesp. hor. rish then. Ely. wd, Wly clouds.
5. Lightning, 3 Claps of Th. from the S. to p. R. S W. wind Ely die tot.
6. Foggy m. foultry wd, cool, open p. m. closing vesp. with Lightning ante 7 p. One Thunder-Clap, dash of R. Sly.

Upon Second Thoughts and advice of Worthy Friends, who value Experience, upon Consideration that it is long in gathering, and that 30 years gained are better than 30 years refused, I have added this Table also, in which we have *Iris*, Sept. 20. 1654. and 77. T. M. Apr. 4. 1672: Feb. 73. Shipwrack, Apr. 74. Great Hail, 77, 78, 82: Hurricane. 81. Whale, 16. Meteors with Trains, &c.: July 29, 82. and so we proceed to the next Chapter.



## CHAP. XI. ♂ ♀.

## Conjunction of Saturn and Mercury.

§ 1. ♀ a Planet of great Employment, and therefore is swifter. 2. Commonly Direct in this Aspect. 3. Its Character for Wind and Rain. 4. And for Dark Air. 5. The Influence proved for both Wet, and Dark Air. 6. And for Cold. Yet a Saturnine  $\Delta$  cannot introduce a cold Season by its self. 7. ♂ ♀ may introduce Frost, but no such as may spoil Vintage. Our monstrous Winters, not only upon ♀'s account; Colds being variously dispersed by the Celestials. 9, 10. Why Octob. 1572. was tedious and Cold. 11. Notable difference between Frosts under ♀ and ♀. All Frost comes not with a Wind, Mr. Hobbes there mistaken. 12. ♀ and ♀ distinctive Character will be perceived by comparing their Tables. 13. Effects of Planets distinguishable. Some Shows Saturnine, some Martial, &c. 14. Contiguations of Clouds whether ascribed to ♀. Ground Mists. 15. Are not the issues of the Earth without their cause from above. 16. Slender Moisture. 17. Variable Winds. 18. Sometimes a Curious day. and no Prejudice to the Character. 19. Not given to Floods, whatsoever it may do in Arabia. 20. The Table.

§ 1. **T**HE League between ♀ and ♀, though allowing some Effect between such Alliances, cannot be thought to be of any great Moment, because of their Immense Distance; for What Influence can there be upon the Ocean, on a supposed League between the *Thames* and the Straits of *Magellan*? *Mercury* is a little Planet, and a Nimble One, thereby portending that he cannot be long of a mind, supposing he doth confer to some Amity. But we have labour'd before to possess the Enquirer, that the very Swiftnes and Agility of ♀ may not Lessen the Planet in account, but rather aggrandise him, seeing the Swiftnes of his Motion in its Orb is a probable hint to us, that he had most business to do, which otherwise, without such Agility, could not be dispatched. He must overtake the slower Planets, He must return, and Re-salute them again; for so it is order'd, that his business goes on, even while he goes backward; *Venus* hath done so before, with ♂ and ♀, and ♀ will not stand out.

§ 2. Now, as we said, *Venus* not being bound to observe ♀, ♀ also is at the same Lock: He meets with ♀ sometimes before the ☉, sometimes behind, and that at farthest Distance; with the ☉, his pace commonly is Direct; but now and then slow, yea sometimes Retrograde; as Dec. A° 1662. the ☉ being gr. 11. distant.

§ 3. Yet all this signifies nothing, except we obtrude a Character upon the World and jabber about an Influence of Wind and Rain in Spring and Summer-time; Wind and Snow in Winter; Wind and Clouds in Autumn; 'Tis *Maginus* his Description, which I see others willing to transcribe, *Adrian Vlack*, *Ephem. A° 1663.* and others. Nor is it amiss if we say Rain in the First place, and then Wind, seeing ♀ and ♀, yea, and the Rest for the most part, answer to Rain more frequently, than to Wind.

§ 4. *Maginus* added, wheresoever he had it, some mention of *Tenebrosus Aer*, originally from the *Arabs*, no question; and truly the very

H h h h

view

view of the Diary minded me of that, which made me Prize *Maginus* the rather, to whom *Eichstad* accords, *Turbulentum & sub frigidum aerem*, saith he; our Table oft-times speaks of Close, sometimes *Dark* and Muddy Air: and true as Truth is it, that some Planets do contribute more than others, to *mask* the Air, and darken it at some special times; but  $\hbar$  and  $\text{p}$  seem to be more frequent; so that I have reason to think that if  $\hbar$  were posited in  $\delta$ 's Orb, he would make more rainy Weather than  $\delta$ , because even at such distance he rouses up the Air, and Frowns upon us.

§ 5. And what should we say more, when, who pleases to account the Wet days with the Sum Total, whether we allow 2 or 3 days, or *Twelve*, and more, according to our Enlargement of the Prospect, shall find that it will answer Expectation, which must necessarily prove our Influence, whether on the nearer account because of the Proximity of the Effect to the Cause proposed, or in a more enlarged account, because no reason can be assigned why *Communibus Annis*, in 500 days it shall rain every 2d Day, since that Effect is not observed upon Equal Terms, every other day, secluding our Aspect. Verily  $\hbar$  in his *Station* at least, is noted by *Eichstad* to be a *Tenebrous Planet*. *Statio h prima vel secunda tenebras aeris affert.*

§ 6. But they joyn *Cold* with dark Air; and to that I say *yea*, at time of the Year: and under limitations, some such as have bin mentioned. Here our Predecessors give us a smart Note or two, for the use of the *Planter* or *Husbandman*; they tell us, *A° 1572.* at the end of *October*, there came a tedious Cold season, as *Apptian* hath recorded in *Tycho's Progymnasm.* Yet what great harm that could do, I do not so readily imagine. But in the year 1520. *Werner* assures us, that there happened such a Frost in the Month of *May*, that spoiled the Hopes of the *Rhenish* Vintage, the Buds were so sorely nip't, that they never recover'd for that Year, *Eichstad*, p. 37.

§ 7. Whether *Maginus* had this or any more Instances to bottom upon I skill not, but I see he hath ventur'd to put it into its Character. *Ut plurimum efficit hujusmodi congressus frigiditatem non parum fructibus nocituram:* Though others since have advisedly left it out. I say First, that this ought not to be put in to the Character. Astrologers at best are counted noisy Men, and I would not have them make a noise where they betray themselves, and their Art. Neither do I find any Aspect but a  $\Delta \odot \hbar$ , a  $\Delta \hbar \text{p}$  that are intended for that rare Effect; so was I blank, well knowing that the  $\Delta$  alone cannot do such mischief. He knows little how Cold is dispensed by the Superiour Bodies, who thinks there is no Cold but what proceeds from  $\hbar$ . Is there not  $\text{u}$ ? Not  $\text{q}$ ? Have we not seen  $\delta$  himself mock us with a Torrid Frost? Do not all Interruptions and Gaps make a Chill Air? Are not all Conjunctions apt thereto? Especially  $\odot$  and  $\text{q}$ ; yea,  $\delta$  and  $\text{q}$  also, with such limitations, as here, viz. in a Crude *Lonely* Sign of  $\gamma$ , when there was never Planet to the Right or Left.

§ 8. The other Instance I admit, *A° 1572.* for I find  $\delta \hbar \text{p}$  about the end of *October*, not a  $\Delta$ , but a  $\delta$ ; for, Consonant to this I may observe, that  $\hbar$  and  $\text{p}$  in Winter times, put in for hard Frosts, without the Verge of the Conjunction. In *Dec. A° 1662.* for 16 days. In *Jan. 1663.* twice 7 Days, with an *Hiatus* of 4 days between. *A° 1667. Jan. XI.* days. What do I speak of Winter? When we have a Midsummer Month, *A° 1682.* with Eleven Morning Frosts, noted from the *Chelsey Garden*.  $\hbar$  I say, is not near enough to warm us; which is said according to the Mind of Nature, and no fancy, because 'tis well known  $\hbar$ , beside his distance, is in his remotest *Apogee* in  $\delta$  with  $\text{p}$ , &c. when in the Opposition he is drawn nearer in his *Perigee*.

§ 9.  $\text{h}$  then is an *icy* Cold Planet; I answer, no otherwise then as hath been declared, for these Cold Winters are but few, and where  $\text{h}$  is found in a state of *Desertion*, which may come to pass when some of his Fellow Celestials are too far off, and others too near; and this is the very Case of *October 1572.* when  $\odot$ ,  $\varphi$ ,  $\text{h}$  were crouded together, while others stood aloof off,  $\odot$ ,  $\varphi$ ,  $\text{h}$  in  $\text{m}$ ,  $\delta$  in  $\text{w}$ . no Planet in  $\text{z}$  the intermediate Sign to  $\text{m}$  and  $\text{w}$ . There's the *Hiatus*, there's the State of *Desertion*. And this *Eichstad* takes notice of *expressly*, imputing the Cold not to  $\text{h}$  and  $\varphi$ , but to  $\odot$   $\text{h}$   $\varphi$  united, which too strait Union is the Cause Effective, or Defective, (I say both the one and the other) of Cold, and thus shall we see below.

§ 10. Now, if we may be nice in distinction, we may perhaps observe, that though  $\text{h}$  and  $\varphi$  may cause Cold, as  $\text{h}$   $\varphi$  before it, yet there may be some difference in the Energy, not seldom observed; for Frost and Cold are not all of a sort, there are some calm Frosts, some accompanied with chilling *Blasts*; the Aspect with  $\varphi$  the more Windy Planet, brings *Ons*, the Aspect with  $\varphi$ , &c. brings the *Other*. So much mistaken was Mr. *Hobbs* when he imputed all Frost to a Wind; of which he is excellently admonished by the Noble Mr. *Boyle*. And thus may we Philosophize, if we be put to it, concerning the Winters under this Aspect; for as for the Frosty Winter *Anno 1682.* we may defer that till we come to  $\text{h}$  and  $\text{u}$ , that we may not do wrong to the Aspect.

§ 11. And this will better be done, if we should constitute a Comparison between  $\delta$   $\text{h}$   $\varphi$ , and  $\text{h}$   $\varphi$ , as to these certain Heads of Heat, High Winds, and Smart Rains, Snow, Hail, Frosty Weather, &c. we should confirm our Pretences against the ambiguous Nature, and settle  $\varphi$  so, that we may know his Character almost, before we ken his Motion. But I must hasten.

§ 12. Some pretty *Fancies* further present themselves upon a straiter perusal of the Table. For why should I meet here also with Clouds flying Low, Clouds at a great Distance, (in height Perpendicular, for that is meant) Clouds in *Scenes*, Two or Three Stories high, and under this Aspect, so oft, as to invite us to a remark; and specially if we may suspect that sundry of the like Instances may have scaped our Notice: May not this Distance of the Clouds *Inferiour* and *Superiour*, favour of the Distance of their proper Causes? Yet I shall not say, that  $\text{h}$ , the Higher Planet, raised the Higher Story, and  $\varphi$  the *Inferiour*, the *Lower*; That would be too palpable. But what if on the other side,  $\varphi$  should attract the Higher apartment, and  $\text{h}$  raise the Lower? (For the Sun, we suppose, without which neither is effectual)  $\text{h}$ 's cooler Ray may let the *Inferiour* (Cloudy) Pavement descend:  $\varphi$ 's brisker Ray may elevate it nearer to its self. I assert nothing, but if I may prompt the Curious to further Enquiry.—This I can say, that Experienced Observers may discern and distinguish the Dispositions of the Planets by several Circumstances and Adjuncts proper and peculiar to each. A man shall be able to say, This is  $\text{h}$ 's Showr, this is  $\delta$ 's. This is from  $\odot$   $\varphi$ , this From  $\odot$   $\varphi$ , or  $\text{u}$ , with greater Evidence than we can say of Comets, which yet *Hevelius*, you have heard, thinks is far from Ridiculous. A Showr with a Pale Fog may be  $\text{h}$ , with a deeper Blew may be  $\delta$ ; with Wind  $\varphi$ , without,  $\delta$  sometimes or  $\varphi$ . And many other appearances there are in the Air, Fleec'd Clouds, Curled Clouds, Clouds like Hemp strip'd, Fog, Hazy Air, Ground Mists, which are not to be found at all times, nor under every Aspect, Ground Mists I say, which I find even here in the years of my Rural Observation (and might perhaps have bin before heeded, since I remember some objection I made to my self against their Oservance.)  $\text{h}$  and  $\varphi$  in Morning



Morning and Evening, not being able to suspend them, but that they fall upon the Land, Arable or Meadow : As in Winter time we may observe often a deeper Fog with us below, yet upwards may see it clear, though otherwise it appears *cloudy* upon the recess of a Mist ; so different are the Effects and Footsteps of the Celestial Causes. But of this before I remember, *Lib. II. Cap. 2. § 9.*

§ 13. The Objection that I made was, that Ground-Mists are the Issues of the *Earth* only, and so could not claim any *Æthereal* Relation. But the Contrary is apparent, for if *Dews* are, notwithstanding their *Original*, dispensed by the Heavens, *Mist* also must be so dealt out ; for to make up our *Sorites*, if no *Mist*, no *Dew*, if no *Dew* ; no Showr hath an *Æthereal* Relation ; and so we fall back to *Mechanisms*, and the *misty* Speculations of the *Cartesian*, where we may blunder all dayes of our Lives, and envy *Owls* and *Moles*, who can discern something in the Dark.

§ 14. Of this Nature it may be, is the slender *Offer* of Moisture here also observable : *Offer to mistle* saith one day, *July 18. 1655. Three drops.* Another, *July 19. 1654. Rain scarce* sensible saith a Third, *July 15. 1655.* It agrees with  $\varphi$ , and with what we have observed before, that he is a dry Officer, and therefore not always fruitful in *Wet*, but inclined to *Winds*.

§ 15. *Winds variable*, which are here remembred, may, next to the  $\delta$ , be imputed to  $\varphi$ , the next in swiftness of Motion : 'Tis true, if they vary when he is found *Stationary*, then we lay no claim to that Effect ; but we shall scarce find it so, (I speak at adventure.)

§ 16. Sometimes I have met with the Weather under this Aspect applauded. A *Curious* day, a Day commended, &c. 'Tis no Fallacy in it its turn to impute it to this Aspect, which is fair and seasonable (as others) when by its self, and at time of the year, and under such Circumstances ; and must needs be commended, since *Health* it self is nothing but *Temper*, &c. This hinders not that Character of his, which speaks *Distemperature* : For the difference of Circumstance reconciles all : seeing they are apt enough to take occasion to shew themselves more Intemperate ; which appears by this, If the present day under  $\eta$  and  $\varphi$  be commended, it argues the precedent were not so commendable, when the precedent Distemperature was on the *Cold* Side. Then 'tis easie to say, the approach of the  $\delta$  did allay it, agreeable to that common Nature of  $\delta$ , and the proper Character of our Aspect under Consideration.

§ 17. As to *Albumazar*, I find him talking of Flouds, and Plenty of Rain in some certain Signs, as  $\gamma$ ,  $\pi$ ,  $\nu$ ,  $\omega$  and  $\kappa$ , and sometimes as little Rain, yea, much Dryth, as in  $\alpha$  and  $\beta$ , Vicissitudes of *Wet* and *Dry* may agree well enough. Howbeit, but one Floud appears in our Table, and that upon a Singular Concourse of Causes ; not imputable therefore to  $\eta$  and  $\varphi$ , with any Eminence or special Note.  $\odot$  and  $\varphi$  'tis true, may challenge that which is a more frequent, and therefore to all seeming a more *Potent* Cause ; more apt to fall in with stronger Congresses by its very frequency : What the *Arabs* add of *paucitas pluviarum*, and yet *Inundatio multa*, more than once, viz. in  $\delta$  and  $\epsilon$ , as I may hope 'tis no *Contradiction* real in divers Signs, as to their Clime ; so such Exorick Consideration is not worth my while.

## δ η ζ Diary.

A° 1652. Jul. 23. Δ 3.  
Ab Jul. 18. ad 28.

18. Cloudy, dropping, more wind, misty *vesp.*
19. Mist m. cloudy, wd variable, mist *vesp.*
20. Close m. p. mist at n.
21. Misty m. close m. p.
22. Thunder, showers, showing at n.
23. Overcasting, dropping at n. wd variable.
24. Showrs, clouds contrary, wds.
25. Windy m. f. clouds, dropping.
26. Windy, dropping, some rain at n.
27. Some cl.
28. Thunder showers, windy, shows so at n. wd variable

A° 1653. July 21. Δ 15.  
A Jul. 15. ad 26.

15. Rain insensible m.
16. Red wd, f. clouds.
17. Hot, f. sprinkle *vesp.*
18. Cloudy, offer at misle, a shower.
19. Cold wd, cloudy m. red wd.
20. f. rain. Too little.
21. Windy, hot.
22. Hot, dry season, winds high.
23. High winds at night, cold and close.
24. Fair, hot.
25. Misty m. hot, rain and Thunder coasting.
26. f. rain, showr at n. cold wd, muddy, blew mist.

A° 1654. July 19. Δ 27.  
A July 13. ad 26.

13. Cool wd, unconstant shows spoiling Hay-making.
14. Heat.
15. Overcasting, wd, f. insensible drops.
16. Wet, thunder very hot.
17. Wet and wind p. m.
18. Blustering n. hot, tomet. suspic.
19. Rain a. l. 3 drops, warm.
20. Hot, high wds, f. moisture.
21. f. wd, clouds contrary, hot, some shows at n.

22. Clouds contrary, some drop.
23. Hail, rain a. l. cool wind, very variable, hail.
24. Very cool wd, f. showing
25. Cls. gather, set to rain at n.
26. Milling *noft.* tot cold wd, and inconstant showing.

30

A° 1655. July 25. Δ 9.

Aug. 11. Δ 10.

A July 15. ad Aug. 21.

## ζ Ret.

15. Very hot, cloudy Westward.
16. Thunder 4 m. showing and grumbling *die tot.*
17. Wet morn. & m. p.
18. Mist, f. coasting moisture.
19. Mist, wdy, f. shows.
20. \*\*\*
21. Mist, white cl: lowring clouds.
22. Winds, offer to misle, hot.
23. H. winds, f. misle.
24. Misle, much rain p. m.
25. Fair m. showing p. m.
26. Wind, much rain m. showing, cold.
27. H. wd, cool, white cl.
28. Cloudy, windy.
29. Warm, moist p. m. & n.

## Ignis fatuus.

30. Missing, storm o. wind.
  31. Wind and misle o.
- Aug. ejusd.
1. f. lowring cl. Cobwebs; overc. h. wd *vesp.*
  2. Rain a. l. high wd, misle, m. p.
  3. H. wd. thick whitish cl. stormy, one Thunder-clap.
  4. High wd, cool; some drops.
  5. Sometimes lowring, wind drop at n.
  6. Some wet m. clear, overc. night.
  7. Close, darkish; offer at R. 10 m. & ☉ *ort.*
  8. Close m. wd.
  9. Wind, clouds, drops *vesp.* ground. Mist at n.
  10. Hot, yellow m. offer at R, n. & o.
  11. Hot, dark; stormy o. & n. much Thunder.
  12. H. blustering and sharp wd m.
  13. Mist m. lowring and misle m. coast.

14. Showrs inconstant, and by coasts.
15. Mist n. inconstant fits of showing.
16. Rain a. l. & Sun occ. wet *die tot.*
17. Dark, Thunder and some shows.
18. Showing m. p. hot.
19. Very wet, f. wd, hor.
20. Wet m. so at n. Th. in f. places.
21. Wd and wet, clearing.

A° 1656. Sept. 10. Δ 26.  
A Sept. 4. ad 16.

4. Wind, shows *circ. merid.*
5. Thick mist m. hempen cl. little wd, yet variable.
6. Wind rises, overcast, warm, blackish cl.
7. Close wd, faint, blackish cl.
8. Some little showing o. store of rain towards London.
9. Close m. flying clouds, lowr. flash of Lightning.
10. Close m. red clouds, Eastward ad Sun occ.
11. Close, lowring, f. wind.
12. Red m. fr. mist, flying cl.
13. Fr. mist falls 8 m. winds, sometimes high, blackish clouds.
14. Fine rain *ante l.* & à Sun *ort.* high wind. Clouds at a great distance, Rain 4 p.
15. Rain *ante l.* cold, cloudy, dropping.
16. Drisle Sun occ.

A° 1657. Sept. 8. Δ 7.  
A Sept. 2. ad 15.

2. Wet m. coasting shows, warm, clouds. S W. f. misle drives. N E.
3. Rain hard midnight, & *ante l.* warm; coasting shows, clouds. S W. smoke N E.
4. Overcast about Sun occ. wd and gentle rain.
5. Some moisture m. flying cl. wind and wet 1 p. shows coasting p. m.
6. Warm wd, fresh at Graves end.
7. Cold wind, some drisle 9 p.

I i i i 8. Showrr.

8. Shower 8 m. winds variable.  
 9. Wet ab 8 m. ad o. shower  
 4 p. mist 8 p.  
 10. Very wet 2 & 4 m. very  
 violent Rain 8 p. N.E.  
 11. Close, muddy, offer, wd.  
 12. Close m. p. offering, mistle.  
 13. Wet, m. close, muddy,  
 mist;  
 14. Wet a. l. close, misty.  
 15. Clouds fly low, lowering n.

18

Apr 1658. Sept. 9.  $\Delta$  18.  
 A Sept. 1. ad 16.

1. Cold; coasting showers.
2. Fr. snow, wet.
3. Cold, showing, Ground-  
mist 10 p.
4. Frost, close m. Qr. Ground-  
mist.
5. Fr. coasting showers 1 p.  
dropping 9 p.
6. Fr. Ground mist, Thunder.  
Southward a flash of Light-  
ning at n.
7. Showrs 3 m. & 5 m. dark,  
warm.
8. Warm m. showing a. m.  
very warm, Red even.
9. Some drops 8 m. very  
warm; winds 9 p. drop-  
ping 9 p.
10. Very warm, Lightning at  
night.
11. Hot, close, some drops m.  
Thunder 3 p.
12. Fog m; gentle wet 10 m.  
Showr.
13. Rain 1 m. mist and rain a.  
m. Ground-mist 11 p.
14. Mist, close, rain 10 m. & o.
15. Rain m. wet dark, arm.
16. Overcast  $\odot$  off. f. wet  
1 p. drizzle 5 p.

Iterum, Platic J. H. &.  
 Ab Off. 17. ad Nov. 6.

17. Mist, Rain, violent wd  
5 m. drizzle p. m. high  
wind and rain 5 p.
18. Wind n. e. tot. warm, high  
wd. f. cuds p. m. showrg 7 p.
19. Wd n. e. tot. clouds low,  
showr o. Gallant Meteor.
20. Clouds in Scenes, cobwebs,  
3 drops.
21. Gloomy, windy.
22. Cold, ropes, mist.
23. Cold, close R. f. drops  
3 p. gentle rain 8 p.
24. R. 4 m. close.
25. Close wind 4 m. H. wind,  
f. drizzling p. m.
26. Wd all n. Sky red in.

warm rain 4 p. ad 7 p.

27. Rain all night till Sun  
rise; storms, cold wd.
28. Frost, ice, cobwebs, clds  
in Scenes p. m.
29. Some blustering b. d. fr.  
ice, Cobwebs.
30. Hard frost all day, overc.  
5 p.
31. Overcast 9 p. thaw.
1. Ice, close m. not overcast,  
cold winds, variable. S.
2. Dark, wet; cold a. m. H.  
wds.
3. Cold; stormy wind; rain  
9 p. fr. roaring wd.
4. Wind muttering all night;  
cold; f. snow 10 p.
5. Fr. snow lies; Rain at 5 p.  
fo all night hard.
6. Rain m. wind and wet p.  
m. till night; Tempestu-  
ous wds at n.

1659. Plat. gr. 3. dist. a Sept.  
 4. ad 27.

4. Rain m. and wd.
5. Coasting showr p. m. storm  
with some wd 4 p. & c.
9. Clouds in Stories, warm,  
coasting fh. 9 p. cobwebs.
7. Frosty, low mist, cobwebs,  
cold, H. wd.
8. Rain a. l. sudden show-  
ring p. m. and Sun set; 7  
p. and 9 p. Rain and wd,  
spoiling Harvest.
9. Very hard, terrifying wea-  
ther a day-break ad o. high  
wd and drizzle 4 p.
10. H. wd, some wetting m.  
close.
11. Close, offering m. sad R.  
p. m. & n.
12. Rain a. l. m. wd (a Floud)  
R. tot. n.
13. Rain a. l. close, some  
wd.
14. Close m. p. driving wd.
15. Rain a. l. much R. a. m.  
tot. showrs 2 p. high wd,  
(Floud rise) wds var.
16. Fair m. showry o. & p. m.  
store at London.
17. Fr. high wd at Sun rise,  
& a. m. coasting showrs.
18. Cold and wind at n.
19. Fr. showrs 2 p. & 4 p.  
dropping wds 9 p. & 10 p.
20. Winds 4 m. l. showing,  
fo 1 p. wetting at night.
21. Bright m. H. winds 9 m.  
clds, wdy; Halo at n.
22. Fr. wd misting 9 m. wet  
ad 2 p.
23. Gusts of wd; close, wdy,  
warm.

24. Moistening o. & n. Tempest  
of winds blowing down  
Trees.
25. Rain m. cobwebs, & c. wd,  
misting rain at night.
26. Wind tot. n. clouds bluish  
at n.
27. Clouds red to the East at  
night.

Iterum Partil Off. 30. M. 5.  
 Ab Off. 24. Nov. 6.

24. Fr. cool wd, clouds rise  
9 p.
25. Wind tot. n. and wet o.  
2 m. store; f. rain 7 p.  
wds variable.
26. Warm, gentle wet 3 p.  
red clouds at E. (along  
with Fog 8 p.)
27. Fog tot. n. & o. gross Cob-  
webs; much Gossamere,  
warm, fog.
28. Fog, cloudy, warm, f.  
Meteors near Urfa.
29. Dark, close; fog 8 p. near  
Urfa.
30. Close, clouds, Meteors  
at n.
31. Cold n. l. fr. fog a. l. &  
4 p. gross Cobwebs, fog  
6 p.
1. 5 m. dark, drifting 10 m.  
wd 1 p. rain 6 p.
2. Warm, close, dark p. m.  
wd high, wind at n. offer  
drizzle.
3. Warm, f. wind o. R. 7 p  
& c.
4. W. f. wet m. cold f. su.  
and blustering,
5. Storm, Hail; snow at Lon-  
don m. Hard frost, sharp wd.
6. Frost, not so cold.

1660. M. 15. Off. 28. ad  
 Off. 22. ad Nov. 5.

22. Frost, some wd.
23. Cloudy, wdy.
24. Frost, fair, wdy.
25. Fr. cold, cloudy, wdy.
26. Fr. H. clouds curdled;  
close day.
27. Dry, cold, windy; Hail  
and rain 1 p. a showr 3 p.
28. R. offer. midnight, clou-  
dy.
29. Fr. f. h. curdled clouds,  
freeez n.
30. Fr. f. seen plain half an  
ho. after Sun rise.
31. Frost, mist, curdled clds  
above, yielding 9 m. cold,  
f. rain.

1. Close



1. Close, wdy, dry, yet threatening.
2. Fr. three quarters of an ho. and above after rising, Sun shine clear, some fleecy cl.
3. Mist even, inclining to moisture.
4. Close.
5. Fog below, f. h. fleecy clouds, close even.

1561. *M* 25. *Obs.* 23.  
*Ab Obs.* ad Nov. 4.

21. Fog, cloudy d. wdy, but warm.
22. Cloudy, warm.
23. Cloudy, warm.
24. Cloudy, cobwebs p. m. warm d. even colder. fog in Meads; *Halo*.
24. Cloudy, cobwebs, High mist; cold, some few clds, misty n.
26. A shower 7 m. misty for n. wdy, driving sh. warm, p. m. freezing.
27. Fr. little fog; warm, cloudy.
28. Warm day, cloudy.
29. A shower 9 p. misty, much B. ad 11 p.
30. Sun rising as in mist, warm day.
31. Cloudy, windy, Rain B. m. rainy ad 10 p. m.
1. Misty.
2. Rain m. a shower 10 p. m. warm.
3. Warm, mist 9 m. and rainy most part ad Sun set, fog.
4. Very rainy m. ad 10. frequent showers ad 2 p. close.

1562. *Iterum* 2 9. Dec. 2.  
*A Nov.* 25. ad Dec. 23.

25. Fog, frosty, clear n.
26. *Idem*.
27. Fog, frosty, some snow a. l.
28. Fog, frosty, hard.
29. Fog, frosty, hard ice upon *Thames*.
30. Fog, frosty, sonet.
1. Fr. fog, some rain p.
2. Fog, cold rain 7 p.
3. Some snow a. l. frosty, fog.
4. Frosty, fog.
5. *Idem*.
6. Frosty, fog.
7. Frost. fog. sn. m. p.
8. Fr. fog, clear above 10 m.
9. Frost, in tot. d. H. wind withit.

10. As much snow a. l. H. Winter, f. little thaw.
11. Frosty, fog.
12. Thaw, f. rain p. m.
13. Thaw tot. n. fog, rain 5. ad 8 p.
14. Fog n. Sun shine o. f. flying clds.
15. Rain, fr. m. fog.
16. Rain m. p.
17. Rainy.
18. Rain a. l. fair m. p. cold.
19. Cold and cloudy.
20. Cold and wetting.
21. Close, misty, wetting 10 p.
22. Rain m. p. n. close, moist, shower.
23. Fog, rain 1 p. and cold.

1662. 2 5. *Obs.* 28. *ab Obs.*  
20. ad Nov. 6.

20. Fog, flying cloud, warm? H. wd.
21. Wind and rain a. l. rain even; H. wd.
22. Rain a. l. close rain 4 p. 8 p.
23. Much rain a. l. clds, wd, Meteors at n.
24. Fr. wind, cold at n.
25. Fr. threatening 1 p.
26. Fr. cloudy, wdy.
27. Fr. wet fog o. Rain tot. n.
28. Fair m. shower 3 p.
29. Rain a. l. cloudy m. p.
30. Drizzle 7 m.
31. Fog, wd, warm.

1663. 2 21. Dec. 18. a Dec.  
10. ad 25.

10. Fog, close, moistning, damp.
11. Fog, close, dampning, windy.
12. Fog, close, moistning, wdy, cold.
13. Windy, rain hard ab 1 p. ad 9 p.
14. Much fr. cold, rain 3 p. m. close.
15. Blow high tot n. with moisture; blustering day; dash 3 p.
16. White fr. clear.
17. Frost, close even, f. dewing.
18. Rain a. l. overcast o. then R. m. p. p. m.
19. Close day, f. moistning, fog.
20. Close day, fog, frost m.
21. Close m. coldish, fr. m.
22. Close tot. d. muddy p. m. cold.

23. Muddy, cold fr. m.
24. Great fog, stinking, clear above.
25. Very cold, close tot die.

1664. P. *W* Dec. 17. a Dec.  
10. ad 22.

10. Cold, wdy, close.
11. Fr. close, some dropping, Walls sweat.
12. Wetting before Sun rise & a. m. Rain fairly a 5 p. ad midnight.
13. Mist, close, warm.
14. Close, mist, cool d. commended.
15. Fr. close, mild.
16. Mist, cold.
17. Hard fr. mist. rain 2 p. & p. m.
18. Close, mist, warm.
15. A flaring Comet toward East in m; warm, moist, wetting.
20. Comet seen 5 m. close m. p. warm.
21. Cloudy n. Comet not seen.
22. Close m. overcast at n.

1665. *V* 10. Dec. 13. a Dec.  
9. ad 21.

9. L. frost, muddy, flying clds; overcast.
10. L. fr. close, cold; f. brisk wd.
11. Little frost, close day, cold wd, f. l. clouds at n.
12. Close, fl. clouds m. cold and dropping.
13. H. wd, cl. n. close, cold and drying.
14. Close, cold, brisk wd, sn. at 9 p.
15. Roaring wd tot n. H. frost, sharp, wdy d.
16. Very cold and frosty day Sun rising tot. d.
17. Hard fr. snow.
18. Fair, blustering day, overcast.
19. *Idem*.
20. Hard fr. mist m. (so at n.) wds, fair.
21. Some thaw, mist; Hard fr. Sun shine a. m. overcast, close p. m.

1666. *V* 20. Dec. 14. a Dec.  
7. ad 23.

7. Fair m. cooler, fog at 11 rising, overcast, dripping.
8. Close, wdy, high wd p. m. Rain 10 p. cold a. l.

9. Rain a. l. clear n.
10. Fair n. hoar frost a. m. clds flying.
11. Frost, fine m. suddenly a. l. offer Sun rise, closing m. p. freez hard tot n.
12. Frosty m. freezing.
13. Frosty, sharp air, f. overcast 10 p.
14. m. frosty, yielding, drizzling 7 p. &c.
15. Warm, yet cloudy, suspicious p. m. drizzle 4 p. wind audible.
16. Close, cold wd.
17. Close, cold, offering to snow, wd a. l.
18. Some rain, freez.
19. Frost m. snow lies, thaw. some more snow, wd 10 p.
20. Fr. snow 7 p. yielding a. m. yet snow a. m. freez.
21. Frosty, fair, snow lies.
22. Snow a. l. frosty, thaw Sun, still.
23. Frosty, snow lies.

1667. *Feb. 23. Jan. 20. a Jan.*  
1. ad Feb. 10. 2. *Feb. 26.*  
*Feb. 1. R.*

1. Bitter frost, snow lies over the Thames, fog lies.
2. Bitter frost, ice over the Thames.
3. Bitter frost, ice in Bread.
4. Frosty, snow, wd audible; H. and cold wind, offering m. p.
5. Fr. snow, close, dark wds.
6. Thaw, warmth, snow.
7. Wd. close, thaw.
8. Rain at day break, thaw, close.
9. Cold m. p. rain and snow, wd tot. n.
10. Frost and snow m. offering tot. d.
11. Thaw tot. n. frost.
12. Mist m. dark day, frost, fog.
13. Mist, suspicious a. m. cldy p. m.
14. From misty die tot H. wind, close.
15. Fog, mist.
16. Fog, fog sub vespere.
17. Rain m. close, warm.
18. Very windy, cold.
19. Rainy, close a. m.
20. Fr. fair, freez.
21. Vehement, frosty, wet, Rainy 10 p.
22. Very rainy, close.
23. Windy, close, freez, and at n.
24. Fr. break day; H. wind, close n. wind at n.

25. Very high wd, tot n. more tempestuous day, shower n.
26. Close rain ab o. ad 3 p. m. H. wd.
27. Fr. fair and blustering.
28. Close, gentle rain p. m. & 7 p. & 9 p.
29. Fog a. m. some rain.
30. High wind a. l. & a. d. close, cold, so to n.
31. Cold, dull, close m. high wd tot. d.
1. Cold, Scots mist, missing m. wetting p. m.
2. Close m. 2 drops; milder.
3. Mild, fog m. close at n.
4. Foggy tot. d. some missing 10 p.
5. Close, some rain m.
6. Blew fr. cold, close and high wd 11 p. freez n.
7. Fr. snow a. l. Close, cold, wdy; close at n.
8. Frosty, close m. p.
9. Frosty, close, mist; f. thaw p. m. snowing p.
10. Fog, rain m. 1 p. & vesp.

1668. *7. Feb. 4. ad Jan. 28.*  
*a Feb. 10.*

28. Wet m. p. Fr. and High wd.
29. Some fr. much wet and mist m. p.
30. Wet a. m.
31. Misty, wet by fits tot d. and n. storm, high wind.
1. Frost, mist; close m. close and wdy n.
2. Fair m. p. 2. close wds & wet m. by fits.
3. Rain, storms, storm all p. Sun rise; stormy fits o. p. m. even.
4. Rain, wd p. m. close, and wd audible.
5. Fair, warm a. m. Spring forward; mist, closing; wind rise 10 p. wet 7 p. & 10 h.
6. Close wd, wet 4 p. & wd at night.
7. Fair, but high wd,
8. Close m. p. and gusts; wds at night.
9. Close, offering a. m. and missing 4 p. high wind tot n.
10. Winds, close, missing m. so at o. & 9 p. stormy wds p. m. & n.

1669. *17. Feb. 2d. a Jan. 27.*  
*ad Feb. 8.*

\*\*\*

1670. *27. Jan 31. a Jan. 25.*  
*Ad Feb. 5.*

25. Some fr. close a. m. R. p. p. m. tempestuous wd.
25. Tempestuous wds tot n. f. snow, frosty; close, blustering day.
27. Frosty; snow 9 m. o. & p. m.
28. Fr. close; snow m. p. thaw a. l. freezing a. m. at n.
29. Frosty and snow 6 m. sad Lightn.
30. Yellowish cl. winds at night.
31. Blustering tot. n. H. fr. f. snow 11 p.
1. Blustering m. frosty, close, blustering tot. n.
2. Blustering, frosty, bitter high wds.
3. Missing. 10. calm Weather.
4. Vehement fr. cold; snow a. l.
5. Vehement fr. yield, snow p. m. H. wds.

*1671. Jan. 30. H. 7. iterum Feb. 19. H. 10. duplex d.*

*13A Jan. 24. ad March 30.*

24. Fr. open. S W.
25. Rain Sun ori. close, warm, gusts. Rain 5 p. wind. Nly.
26. Fr. warm, snow and R. 1 p. wetting 10 p.
27. Overc. p. m. some moisture 4 p. W.
28. Fog, wetting m. close & wetting d. some gusts 8 p. Sly.
30. Windy, foggy, warm; H. wd at n. W.
30. Rain m. close rain 3 p. H. wind, and grows cold. N W.
31. Fr. m. close, H. wd a. l. cold wd.
- Febr. 1. Frosty, open. Nly.
2. Harder fr. fair. Ely.
3. Frost, close, offer snow. Ely.
3. Frosty, close m. p. N E.
5. Fr. and ice, mist; Frosty, Halo 6 p.
6. Fr. some sn. found m. open. Nly. Halo 9 p. Wly.
7. Frost, misting and missing die tot. R. mist, wetting 8 p. W. S W.
8. Wetting a. m. & p. m. 9. Close.

9. Close wd, wdy at n. warm. Sly.  
 10. Wetting a. m. & m. p. d. to 9, 11 p. close.  
 11. Wd, overc. p. m. Ely.  
 12. Close m. H. gusts 3 p. & c. drisle 9 p. Sly.  
 13. Fine warm m. close and mist towards even. Wly.  
 14. Cool, close m. p. Sly.  
 15. Close m. p. mist even. Ely.  
 16. Close p. m. wetting p. m. S E.  
 17. Fog and very warm p. m. Ely.  
 18. Close, dewing o. & 10 p. N E.  
 19. Some wet m. and drisle 9 m. coldish, close. N.  
 20. Showr o. cold hail 3 p. wds Sly. a. m. Nly. vesp.  
 21. Very cold, open, wind, often showing o. & n.  
 22. Frost, close, rain 8 m. close m. p. Sly.  
 23. Fog, close, some sensible drisle even.  
 24. Close, some drops 4 p.  
 25. Close, wetting towards o. cool p. m. N.  
 26. White frost, mist; close p. m. drisle 5 p. Nly.  
 27. Close, some drops o. NW.  
 28. Close Wly. Sickness at Barbado's. *Gazet.*  
 March 1. Some mist, coldish wd, mist even. S E.  
 28. Mist, wdy, mist at even. S. Ely.  
 3. Mist; wind open, showing 7 p. high wd. S E.  
 4. Some mist, close, wdy; showr 3 p. S W.  
 5. Drisle 10 m. showr 1 p. Wly m. Nly 1 p.  
 6. Close, showr o. N E.  
 7. Fr. wdy, close N E. snow offer 4 p.  
 8. Cold, f. mist, wind. Ely.  
 9. Some mist, cold wd. Ely. Shoulder ake 10 p.  
 10. Fog, frost, cold; Rain 2 p. p. m. rot. Sly.  
 11. Fog, closing; wind variable.  
 12. Much wet b. d. wet 11 m. & p. m. rot. Sly.  
 13. Fl. cl. closing p. m. R. 6 p. Ely.  
 14. Fog, fair & p. m. warm. Ely.  
 15. Close, fair p. m. Ely.  
 Hurricane at Cadix, the like not known 3 m.  
 16. Rain m. open. Wly. close even; wd 11 p. wd var.  
 17. Close, cool wd. N E. gr. dash of Rain and Hail 4 p. Rain 11 p.  
 18. Some mist. N E. windy at Sun set; H. wind mid-night.  
 19. H wd, close, cold at o. wetting 1 p. Rain and in. even. H. wind. N E. wind variable.  
 20. H. wind, snow m. thaw p. m. freeze at n. Ely. cold in Bed.  
 21. Gr. fr. ice; close, snowing; freeze n. Nly.  
 22. Tearing frost, hail 11 m. & p. m. freeze, Meteor 11 p. much ice.  
 23. Gr. frost, frosty, f. mist m. & vesp. NW.  
 24. Frosty, with great ice, f. mist m. & vesp. NE.  
 25. Frosty; f. mist, cold wd, Ely.  
 26. Warm fog 11 m, heat; drops w. S E.  
 27. Wetting m. showr o. warm, close. W. S W.  
 28. Warm, close, wetting m. p. m. rot. & 6 p. 7 p. very warm wd, foultry n.  
 29. Foultry day, rain m. SW.  
 30. Foultry, windy, rain 7 p. S W.  
 4  
 1672. March. 23. X 25.  
 A March 17. ad 29.  
 17. Close, f. mist, windy 11 m. showr and Rainbow 6 p. Ely.  
 18. Open Ely. f. rain 1 p. warm, closing m. p.  
 19. Cool m. dry. Ely. bright and heat p. m.  
 20. Some mist. Sly.  
 21. Frost, close fog. mist open 4 p. Wly.  
 22. Close n. misty air, notable fog 3 p. close. Nly.  
 23. Mist, close, drisle o. notable fog 7 p. Sly.  
 24. Mist m. warm; l. w. NW. close n.  
 25. Very cold, close, windy. Ely. N E.  
 26. Close wd. Sly. fine dropping. showr 4 p. great R. 8 p. Sly.  
 27. Wind warm, cloudy. Ely. Sly.  
 28. Close, some mist, rain 9 m. Dash 10 m. E.  
 29. Close mist, warm. Sly. S W.  
 1673. March 22. Y 6. A  
 A March 16. ad 26.  
 16. Windy, wetting circa 6 m. rain 11 m, open p. m.  
 17. Windy, some rain 7 m. 10 m. o. 4 p. 9 p. S E.  
 18. Some mist, cloudy, fair p. m. wdy. S W. Great Hail 9 p.  
 19. Showr coasting o. flowing 3 p. S E. Sly.  
 20. Bright m. fine warm day. N W.  
 21. Misty 5 m. close. N E. cold even.  
 22. Close, cold. N E. great Hysterical fit.  
 23. Very cold, close, misty; lowering 1 p. N E. Hail ante 6 p.  
 24. Close, wetting 3 p. and R. ad 10 p. S E.  
 25. Hail 11 m. Rain 2 p. 4 p. S E.  
 26. Wind, showr 3 p. N E.  
 1674. March 19. Y 17.  
 A March 13. ad 24.  
 13. Fr. b. d. close, and warm W.  
 14. High wind and rain a. m. stormy wd p. m. S W. Aches.  
 15. Misty, overc. some wind; Aches.  
 16. Rain circ. midnight, showing 7 m. & a. m. & p. m. Ely.  
 17. Moisture b. d. & a. m. R. considerable 6 p. Ely. distempers; Rain at midn.  
 18. f. snow b. d. snowing a. m. very cold p. m. some mist. N E.  
 19. f. Snow b. d. Tempestuous wd b. d. and very cold and sharp wd. Nly. Aches, wd cont.  
 20. Snow b. d. snowing m. p. Nly. foggy, Aches at n. H. wd b. d.  
 21. Close, cold and fog.  
 22. Fog, close; open a little p. m. N E. Aches; f. offer to snow.  
 23. Fog, wind m. Nly. even. S W. Aches.  
 24. Close fog. l. wd. Wly. NW. Aches.  
 1675. March 20. Y 29. &  
 March 31. O. 2 R. d. plex 6. A March 12. ad Apr. 14.  
 12. Frosty, misty. N E.  
 13. Frost, cold, some mist. N E.  
 14. Close, f. hail 8 m. Rain apace 10 p. Thames low, the Loaden Barges on ground. k k k  
 15. Rain



15. Rain m. rainy a 6. ad 11. m. ad 11 p. *Exc.* Ely  
 16. Snow m. open. Ely. Aches Frost at 2 p.  
 17. Frost, cold, mist. N E. brisk wd.  
 18. Fr. fair, wetting; wind Ely. Aches and Sicknefs.  
 19. Rain and snow m. close, celd. Ely. indispositions.  
 20. Close, cold. Ely. aches.  
 21. Rain and snow 7 m. close, colp wd. Ely.  
 22. Cold, misty. N E. open 10 p. Nly.  
 23. Fr. ice; cold, open; *Halow* 9 p. Wly.  
 24. Rainy m. & a. m. close. Wly.  
 25. Close m. p. and mist; warm m. cool o. very warm 7 p. S. S W.  
 26. Very warm, clouding m. p. S. S W.  
 27. Mist 3 p. showr 4 p. dafh 5 p. warm. Ely.  
 28. Very warm, just offer; *Halow*. Wly.  
 29. Close m. p. wetting 6 p. *Exc.* Indispos.  
 30. Rain betimes m. rain 11 p. Wly. Aches.  
 31. R. a midn. ad o. showr 7 p. Ely. Aches.  
 Apr. 1. Rain 6 m. hail half an hour after 10 m. showr 3 p. cold, Aches.  
 2. Cold, offer 9 m. dafh of R. past 2 p. Storm of Mail, cold. Wly.  
 3. Lowring m. p. cold. Ely. Indispos.  
 4. Open, cool. N. variable S W. Hysteric. Aches.  
 5. Rain 5 m. and wetting a. m. cool. Ely.  
 6. Cloudy m. p. cool wd. Nly. Aches.  
 7. Close, hail o. H. cold wd. and red wind. N E. Indispositions.  
 8. Frosty n. & m. very cold, Red wd. NE.  
 9. Hard white frost, clouding p. m. S W.  
 10. Close, warmish, some wetting a. m. & *vesp.* wind somet. high.  
 11. Warm, fresh wd, coasting showr 6 p. showr 7 p. Wly. Aches. R. a. l.  
 12. Open, f. drops 2 p. Nly. cold; Aches. H. wd.  
 13. Clouding a. m. fair p. m. N E. Aches.  
 14. Fair and temperate; wdy Hazy. Ely.

19

- Iterum May 10. ☾ 4-  
 Ab Apr. 28. ad May 18.*  
 28. Fair m. rain a. l. & 6 p. Ely. Aches.  
 29. Cloudy, fair, windy p. m. N E. Aches. Clouds in Scenes.  
 30. Mist, dry, Aches 11 p. and cloudy.  
 News of T. M. at *Amboyne* in the *Gazet.*  
 May 1. Close m. and *vesp.* somet. open, Aches p. m.  
 2. Rain midn. some drizzling showr 7 m. & 11 m. rain 1 p. then 6 p. S E.  
 3. Rain 4 m. close m. p. N. Aches.  
 4. Cloudy m. p. at n. mist. NW.  
 5. Warm, misty. S W.  
 6. Lowring, much air, wind variable. Aches.  
 7. Lowring and mist. N W.  
 8. Fair, dry, temperate. Nly. S W.  
 9. Windy a. m. somet. overc. cold *vesp.* N W.  
 10. Close m. p. mist, very cold m. drops 8 p. N W.  
 11. Warm, open; H. wind, Indispos. 11 p. Wly.  
 12. f. drille a. m. 10 m. 11 m. 4 p. & 6 p. Wly. warm, foggy. Aches.  
 13. Hot, mist. Wly.  
 14. Hot, dry, f. lowring. Wly. *vesp.* Ely.  
 15. Close m. open, cooler; brisk wd 8 p. 2 or 3 drops 8 p. from the E. showr 9 p. 10 p. Aches.  
 16. Wet m. p. d. Ely. Indispositions.  
 17. Close, cold, Aches.  
 18. Close. fair. S W. lowring *post merid.*

- 1676. May. 11. ☾ 17.  
 Ab Apr. 29. ad May 16.*  
 29. Bright, hot. Wly. Aches.  
 30. Hot, a drop or two discerned Ely. showr 11 p. wd variable.  
 May 1. Showr 5 m. Hot. Wly.  
 2. Fair, Indispos. Meteor 11 p. Wly.  
 3. Close m. cool; brisk wd; bright Meteor N E. Aches.  
 4. Cool a. m. wd p. m. Ely.  
 5. Fair, dry wd. Ely. Aches. wd variable.  
 6. Hot m. wind brisk o. *Exc.* S E. great drops 6 p.  
 7. H. wd die tot. lowring 9 m. misty. Wly.

8. Showr 11 m. 4 p. 6 p. W. Aches.  
 9. Close wind, showr 8, 11 m o. 3, 5, 7 p. W.  
 10. Pregnant clouds, Aches.  
 11. Some rain 7 p. gusts of wd o. Wly. wd.  
 12. Open, dropping m. showr 3 p. 4 p. shoulder 5 p. Wly.  
 13. Windy, close, offering 4 p. showr 7 p. dropping 11 p. Wly.  
 14. Close, showr 8, 10 m. hortish 4 p. *Halow* 11 p. Wly.  
 15. Showr 6 m. 8 m. 10 m. & alias, showr o 3 p. h. wd, Indisp. cool n. Wly.  
 16. Tempest of wd till about ♂ set 5 p. f. rain 7 m. *Exc.* alias. Wly.

- 1677. May 8. ☾ 29  
 A May 3. ad 13.*  
 3. Wet a. m. tot. open p. m. showr of Hail and rain with an Illustrious Rainbow; drille 9 p. Ely m. Sly o. Wly p.  
 4. Showr 1 m. & 5 m.  
 5. Cool m. white frost. Wly. R. 2 p. & 6 p.  
 6. *Goffamere* 1 p. f. wd. Ely. white fr. *Apoplexy* 7 m.  
 7. Open, yet misty, brisk cool wd. Ely.  
 8. Mist, some lowring clds; brisk wd. Ely.  
 9. Warm, open and windy. showr at *Hatfield* 5 p.  
 10. Fair, warm. Wly. windy.  
 11. Warm, overcast at o. Ely. Sly *Gout.*  
 12. R. space 4 m. wd, open, warm S W.  
 13. Close m. gusty, sprinkle 8 p. S W.  
 6. Report of 3 Suns seen. Long Cloud from *Sommer-set-house* to *St Mich. Corn-hil* at Sun set.  
 10. R. 1 m. Meteor *ab Opb. Cap. ad Lyram.*

- 1678. May 6. II. 11.  
 Ab Apr. 30. ad May 12.*  
 30. Brisk wind E. cloudy, warm p. m. Rain 6 p.  
 May 1. H. wind *moß. tot.* drille 7 m. rainy and windy m. p. Rain hard ante 11 p.  
 2. Drille circa 1 m W. rain 9 m. coasting, dropping 1 p N W.

- N W. brisk wd, misty ante 8.  
 3. Misty m. wet. W. open; Red wd.  
 4. Brisk wind. S W. Rain 10 m. high wd, shower 2, 7 p. S W.  
 5. Misty m. S E. wet ante 10 m. & 10 m. Open p. m. wet 10 p.  
 6. Misty, rain a. l. Blue at *Fo- rest hill*, warm. Sly. brisk wind.  
 7. Misty, wet. brisk wind; warm. m.  
 8. Mist, wet E. warm. Wly. Red wd. N E. Bright Meteor.  
 9. Misty, hot; overcast o. S E.  
 10. Mist, wet; f. wind, hot. Indisposition; Meteor 11 p.  
 11. Mist, hot; brisk wind, rough wd, Sun occ. Meteors 2 p. 9 p. Lightning in S W. Red wd.  
 12. Mist, rain m. 1 p. stormy wd 11 p. Sly.

1679. May 16. II 21.

Plaique.

A May 2. ad 30.

2. Open, gentle wind. S W.  
 3. Fair Sly. heat, overcast vesp. f. wind.  
 4. f. fog. Sly. heat, brisk wd. S W.  
 5. Warm n. some rain m. S W. fine wetting a. m. to 8 shower 4 p.  
 6. Rain m. drizzle 7 m. Sly. R. apace o. 1 p. & ad 3 p.  
 7. Close, some wd. Sly. little shower ante 9 m. some offering 1 p. Thunder.  
 8. Close. Nly. some rain; warm; Wly at n. Ely.  
 9. Rain 3 m. ad 7. Ely. close, misty; drizzle p. m. and Aches. N E.  
 10. Rain 6 m. great fog, close 8 m. Ely. cold wd, close m. p. Ely.  
 11. Close, f. wd. Ely. mist; brisk wind. S W.  
 12. Fair. Ely. cold wind.  
 13. Fair, white flying clouds, dr. Ely.  
 14. Open, some wd Ely. cold m.  
 15. Open, gentle wd, frost m. Sly.  
 16. Fair Sly. close, lowering vesp.  
 17. Hot p. m. and overcast. Wly. Nly.  
 18. Warm d. S W. high wd; cloudy p. m.

19. Open, misty. N W. fine brisk wd. Ely.  
 20. Open, gentle wind Sly. hot Wly.  
 21. Hot, fair day. hot night. Sly.  
 23. Drops 5 m. brisk wd Sly. Hot shower 5 p. hot vesp. Rainbow.  
 23. Rain 5 m. & 6 m. foggy, close, high wd.  
 24. f. wd Wly. cold wind, f. Rain 8 vesp.  
 25. Close, high wind. Sly. R. 11 m.  
 26. Close, brisk wd, r. a. m. fere tot. hot vesp.  
 27. Great fog, close rain 9 p. Ely. horrid vesp.  
 28. Rain m. o. hot vesp. Wly.  
 29. Rain store n. & 5 m. rain again 9 m. N E.  
 30. Fog, wet p. m. & m. p. Wly dark p. m.

Iterum, July 1. S o.

A June 22. ad July 7.

22. Fair, dry. Nly. Indispositions.  
 23. Clear, dry, warm. Nly. Hot n.  
 24. Hot, overcast. N E. Ely.  
 25. Fair, cloudy 8 p. wd rise 6 p. Ely.  
 26. Great mist and dew 4 m. Ely.  
 27. Foggy, hot p. m. S E.  
 28. Windy, cold, but hot d. N E.  
 29. VVindy, wind rise p. m. Lightning 10 p. & north. tot. & some rain.  
 30. Rainy m. Thunder ante 8 m. ad 10 m. Dash 3 p. and Lightning.  
 Jul. 1. Overcast, lowering wd vesp. wd. Sly.  
 2. Wind and wet 1 p. & 9 p. Sly.  
 3. H. wind 6 m. & die tot. open. Sly.  
 4. Wind pretty high, cloudy m. p. S W.  
 5. Clear m. fair, dry. Sly.  
 6. Open p. m. shower ante 5 p. Weathergall ante 8 p.  
 7. Foggy S W. f. drops coasting 7 p.

1680. June 28. S 13.

A June 24. ad July 33.

24. Bright, hot, brisk wind. Ely.  
 25. Mist, gentle wd. foultry. S E.

26. Brisk wd, very foultry.  
 27. Mist, very foultry, a little shower post Sun occ. Thunder and Lightning 9 p. Ely 8 p.  
 28. Cloudy, brisk wd, foultry. S W.  
 29. Open, hot, some wind; Flash of Lightning per 8 p. & ante 1 m.  
 30. Mist, high wd, dewing 7 m. Shower 11 m. close wd. Nly.  
 Some Mildew observed by the Countryman, blasting where it lights.  
 July 1. Close mist, open, dry, some mildew again, much cooler. Sly.  
 2. Close, brisk wd, shower m. warmer. Rain 2 p. and offering 8 p. Sly.  
 3. Mist, cool wind, showering a. m. Dash 1 p. Thund. stormy wd and drizzle vesp. Sly. The Plague at Andalusia and at Prague, there dyed 700. or 800. in one Week.

1681. June 26. S 24.

A June 20 ad July 1.

20. Close, gentle rain a 2 p. ad midnight.  
 21. Wet day, dash ante 3 p. Sly.  
 22. Rain Sun ort. wind, close wind 7 p. S E.  
 23. Shower Sun ort. 10 m. p. m. 6 p. Nly.  
 24. Rain Sun ort. to 7 m. Rain 3 p.  
 25. Warmer, fair; some lowering. Sly.  
 26. Rain a. l. fog m. open, warm; shower 8 p. warm even. Lightning.  
 27. Showring. hot n. Fog m. shower 11 m. hot, Lightn. 9 p.  
 28. Hot, fog m. shower 11 m. Wly.  
 29. Some mist m. rain a o ad 4 p. Wly.  
 3. f. R. very wet ante Sun or. ad o. close, cool. Nly.  
 Jun. 21. Hurricane at *Lan- burg*, ho. 5 p. tore up Trees, untill'd Houses, took up men into the air.  
 27. *Dorchester*, Globe of Fire (above 2 miles from the place) which falling amongst Tufts of Trees, burn at Two or Three to Ashes.  
 Jun. 21. *Monmouth*, Lately Hail and rain lodges the Corn for several Miles. Dr

20. A Barn fired with Lightning.  
July 1. Some rain 4 p. H. wd, R. 8 m. Nly.

1682. June 25. Sl 6.

A June 18. a July 3.

18. Some wind, mist m. mir-  
sling 3 p. Wly.

19. Warmer, some wd. Wly.  
open 4 p. ad Sun occ.

7. Frost observed this Month  
in the Apothecaries Physick  
Garden.

20. Cold and brisk wind m.  
close drisle circa 3 p. & 9  
p. Wly. Gripes.

21. Some rain 6 m. high wd  
m. p. pretty warm. S W.

22. H. wind m. p. often show-  
ring 8 m. o. 5 p. 6 p. 9 p.  
S W. warmish.

Strasbourg. Grabs rots on the  
Ground by the excessive  
Rains that have fallen here.  
Benskins N. 117.

23. Warm m. wind brisk m.  
showr 11 m. dash 2 p. coa-  
sting showrs, great dash and  
Thunder 5 p. N W.

24. Cooler, showr 10 m. &  
post 2 p. Maxfield. Hail,  
Thunder and Lightning de-  
stroyed the Corn; broke  
the Tiles, hurt several  
Persons. Brooks, N. 6.

25. Showr 11 m. 1 p. 6 p.  
Sun occ. Gusts of wind rise  
3 p. S W.

26. Cool, gusts of wind 1 p.  
some Gales 9 m. showr dis-  
covered 2 p. smart showr  
post 6 p. Red even.

Before this 26. of Jun. 11  
Frosts at Chelsey Garden.

27. Rein post 4. & 5 m. open,  
some wind. NW.

Brussels. We had very bad  
Weather here like to spoil  
our Harvest. Gazette.

28. Warm, boy-sick, close, f.  
drops post 8 m. Rain 10 m.  
close day, some rain post 7  
at n. S E. Wly.

29. Close, gusty, very h. wind  
7 p. some wetting ante 1 p.  
to ante 3 p. 7 p. 10 p. S W.  
Indispositions at n.

30. Close, high and stormy  
winds 1 m. 10 m. p. espe-  
cially p. m. Rain circa 4 p.  
S W. some rain 7 p.

June 29. Rochester. Terrible  
Hail, Thunder and Light-  
ning. Benskins 116.

Jul. 1. Cooler, wdy, drisle  
stormy and wet 10 m. cold  
the Season considered. Wly.

2. Some wetting at, or be-  
fore Sun ort. showr 9 m.  
smart showr ante 11 m.  
wetting o. 1 p. 2 p. H. wd  
a. m. especially.

3. Rain early & die tot. fere,  
showr 8 p. S E. m. S W. p.  
m. gusts of wind 10 p.  
gentle rain 11 p.

1683. Aug. 20. Sl 25.

Ab Aug. 4. ad 24.

4. Brisk wind and cool, showr  
o. Wly.

5. Brisk wind, showr after  
12 o. & after 2 p. m. H. wd.  
Wly.

6. Some rain 10 m. o. 4 p. 9  
p. Wly.

7. Wind brisk and cool m.

cloudy m. p. Nly.

8. Rain a 5. ad 8 m. & m. p.  
rain ante 8 p. and seriously  
11 p. hottish m. high wd.  
Sly.

9. Some rain m. & 11 m. col-  
dith. Nly.

10. H. fr. brisk gusts, closing.

11. Hot, some wetting m.  
close m. p. Wly.

12. Cold, high wd, showr  
circ. 1 p. wetting 10 p.  
N W.

13. Close a. m. some drisle;  
open p. Wly.

14. Rain m. rainy o. close,  
hot; wetting; high wd.  
S W.

15. Foggy, rainy m. p. m. &  
a. m. high wd, cold.

16. Frosty m. some drops a. m.  
showr ante 3 p. brisk rain  
7 p. N W.

17. Misty m. f. rain coasting o.  
& 1 p. N W.

18. Open and cold wind m.  
showr o.

Thunder 3 or 4 claps, and  
a ratling Storm; f. hail &  
Rain. N W.

19. Cold, cloudy, wd audible  
open. Wly.

20. Some mist, often cloudy,  
mist Sun occ. W.

21. Foggy m. close m. p. f.  
drops 3 p. Sly. E.

22. Foggy, warm, l. wind.  
Wly. Sly.

23. Some mist and wd. hot p.  
m. and fair. SW. Ely.

24. Misty, very hot d. l. w. Sly.  
Close and (some) wetting a.  
m. & p. m. warm, f. wind.  
S W.



*Forein Diary of h with the Inferiours, and Remarques thereupon.*

Anno

1500. Comet in April for 18 days; the *Ephemeris* points out  $\delta \odot \varphi$ , but it also puts down a  $\delta h \varphi$ : He who takes notice of the *Asterisms* where they meet, will be think himself of the *Pleiades*. In one Word,  $h \odot \varphi$  are in  $\varnothing$ , and if the 18 days were not the very First of the Month,  $\varphi$  would be there with them.

1506. Comet again in August, from several Authors, in *Hevelius*, where *Micovius* names the day, Aug. 8. *Die Saturni*, lasted till day 14. Thus he (though some speak of September.) This short liv'd Star owes its Original to  $h \odot \varphi$ ; so being within grad. 3. of  $h$ , and grad. 14. dist. from  $\varphi$ . 'Tis true  $\delta \varphi$  in  $\varpi$  is a great Ingredient, but that  $\odot h$  had a hand in it; believe when you look back on *Apr. Anni ejusd.* and find another Comet had been there on the account of  $h \delta$  in  $\varnothing$ . If we should prosecute this more minutely, we would amongst the rest shew  $h$  in S. of  $\varphi$ , but no more of that.

1509. Sept. 14. Constantinople, Earthquake threw down Walls of the City, those next the Sea: The Sea disturbed, so that it threatned the City; *Lycosth.* It held for 18 days. Here's  $h \odot \varphi$ , all about the Equinoctial;  $h$  I say, for  $\odot \varphi$  may meet there 3 or 4 times, before  $h$  once. Therefore our Superiour hath a main Influence: *Lycost.* Some say 13000 Men slain. *Fromond.*

1510. Cardan tells us this year of Fiery Meteors, and Stones fell from Heaven, some 60 Pound Weight, some 120. *de Variet. Pliny* indeed we account a Lyar, but not Cardan as yet. No Author questions it; *Keckerman*, *Lubienet*, and others believe it. Oh that Cardan had mention'd the Day or Month; I should have ventur'd at the Rea-

son. But hap it when it will,  $h$  near the Equinox helps to make, or bake that Stone which weighed so many Pounds. For that such things may be, see *Calvisius* his Testimony of his own Age, upon the occasion of that which fell A° 1492.

1520. Jan. 5. Vienna. Three Suns, with an *Iris* at  $\odot$  rise. *die 6. hor. 3.* Two Halo's about the Sun. This is no great matter of Influence; only  $\odot h$  are together with  $\delta \varphi \varphi$ . Five of in them  $\varphi$ , enough to draw the Sun's Picture, because they are at it again Two days after.

1526. Sept. Mens. Thunder at Basil fired their Magazin; *Lycost*  $\varphi$ ,  $\varphi \simeq$  circa medianm *Octobris*, on Atlas Mount, Snow burying Men and Cattel. *Leo Afer. apud Purch.*

574.

1530. Octob. 8. Floud at Rome, *Mizald.* 244.  $h \varphi$  opposed *intragr.* 15. *sed vide*  $\varphi \delta$ .

*Intra Comitia Augustana mense Junii apparuit Cometa, Ecstom. & Chron. Sax.*

$h \odot \varphi$  all in  $\pi$  in mens. princ. at the end  $\odot \delta \varphi \varphi$ , all in  $\varnothing$ ; so the Heavens are ripe for 4. But the Truth is, the Comet is only attested by one Saxon Record: It may be, 'twas a Sublunar Comet, not of General Appearance. This we see is the memorable year for Wasting Flouds, wherefore Aug. finds us another Comet for that matter. If that in June be rightly set, then the Flouds were pointed at by a double Monitor: and what we have said is right, That Flouds and Comets depend on a Common Celestial Cause conceiving them, though not always bringing forth at the same time. For behold the great Inundation in Noremburg, so dire, so lamentable happened, when as  $\odot$  and  $\delta$  were in  $\varnothing$ ; so withal upon  $h \varphi \varphi$ , being in  $\pi$  2, (*Saturn* in  $\pi$ , the other Two in the Opposite.)

1538. Sept. 27, 28, 29. Puteoli in L III *Cam-*

- Campania*; a place of an ill Name from the beginning; miserably harassed with T. M. *Fallopius* in *Fromond*, speaks of 15 days together; others for the greatest part of Two years. For this of *Sept.* is not h on the Equinox? ☉ and ♀ not far off? More minutely is not ☐ h ♀ in *Cardinal* Points; but this is out of its place? I was loath to lose the Observation. And before we part with this year, what shook *Basil*, *Jan.* 20. in *Lycost.* Is not h there also? Yes: For as soon as the ☐ got of the one side of ♀, and h stayed on the other, the City trembled. But come again to *Sept.* in the midst of which happened *Solyman's* Tempest of Wind and Snow; h and ♀ upon the very Equator. *Purchas.*
1539. *Inter Aug.* 23: & *Sept.* 7. *Francis Willoa* tols'd with Tempest, bound for *California.* de *Lact. Cap.* 6. h ♀ in fine m, but see ♀ & also.
1540. *Oct. die* 29. New ☐. Cruel Tempest, IV. Vessels broke; 686. Persons drowned at the Isle *Ladrones.* *Purch.* 3. 256. Thought a Capital Evidence. h ♀ & all in ☐; but there is more Evidence if the *Ephemerides* be consulted to prove these III. guilty.
1544. *Sept.* 5. *Guatimala* in the *West Indies.* Vessels overthrown, and destroyed by continual Storms and Rain. 120 *Spaniards* slain. *Linschoten*, 229. *Benzo. Hist. Na. Orbis Lib.* 2. p. 67. h ☉ near the Equator. h ♀ & all in ☐. See 1509. of this Table, and 1538.
1551. *Jan.* 13. *Germany*, with sundry places, Tempest of Rain, Lightning, Thunder, frightful; h ☉ in ☐; but see ♀ &.
- Jan.* 28. *Lisbon*, Fiery Meteors, an Earthquake demolished 200 Houses; ♀ & then accused, but h ☉ ♀ & all in ☐. He is Potent you see in more Signs than one.
1556. *Aug.* 2, Ill Weather; so *die* 7. *Hakl. Ed.* 1. 418. h ♀ in ☐. *Die* 9. *Oldenburgh* in *Misnia*, Tempest frightened all the Town. *Lyc.*
- our h ♀ had a hand there, appears from ☐ joyning with ♀ to salute h.
- Again, *Die* 19. A monstrous Storm, never saw the like, h ♀ ut *supra.*
- So *Sept.* 2. *apud Locarnenses*, Hurricanes, Thunder, Lightning, Inundation; of which the Inhabitants wrote a Narrative, *Cap.* 8. 'Tis our h ♀, for ♀ is Stationary again at the time; and *Sept.* 5. in a little Town of *March*, Chafins, or Many Fiery Meteors. *Lyc.* He mentions a voice from Heaven, but that must be a Story when the Appearance was None. h ♀ ut *supra.*
- Octob.* 6. *Acies Galestes*, *Lyc.* h wonderfully opposes ☉ ♀ & with an Opposition so rare, that it confirms the report.
- Nov.* 10. Storms extream on the Sea Coast; *Stow.* h ♀ in ☐ still.
1557. *Octob.* 5. *Lat.* 41. Very foul; *Hakl.* h in ☐ oppos. ♀ &.
1558. *June* 2. Tempest, *Hakl. Ed.* 1. h ♀ in ☐, and ♀ Stationary.
- Octob.* 5. Very foul. *Hakl.* 129. ☉ ♀ in ☐, but h in ☐ opposes ♀.
- May* 13. A dangerous Tempest for 44 hours at the *Caspian Sea.* *Purchas* 198. *supra* in ☉ ♀; but h ☉ ♀ & are within gr. 15. in ☐ fine.
1559. *May* 12. *Caspian Sea*, a sore Storm. *Hakl.* 327. *die* 15. Another, we had much ado to live. 358. h ☉ ♀ & cum ♀, ☉ opposite.
1567. *Febr.* 16, 17, 18. Great Storm on the Coast of *England*, *Hakl.* 130. h ☉ & ♀. 27. at *Flores* Isle great Rain fell suddenly. *Hakl. Fenner's Voyage.*
- July* 14. *Leuconotus vehementis Frumenta Sternens.* *Gemma* 2. 357. ☉ ♀ in ☐. ☉ h ♀ in *princ.* m.
1568. *March* 28. Tempest of wind drowning Boats, *Stow.* ☉ ♀, ☐. h ♀ ☐.
- Sept.* 25. *Rocanat.* A Chafin flaming at night. *Gem.* 2. 63. ♀ h ☉ & all about the Equator.
- October* 9. Storm, *Hakl.* 556. h ♀ ☉ ♀ in ☐.

1569. *March 12. Iris nocturna a, Gem.*  
2. 64. *Gelu prodigiosum, lb.* ☿ ☉ h  
♀ cum ☐ h ♃.
14. T. M. Louvain, circa hor. 12. *Colores in Cælo valde terribiles. lb.*
- Sept. 1. *Cælum Sanguineum hor. 11. noct.* but so bright as any thing, might be read. *Id.* 2. 65. *Stella discurrentes, ☉ h* about the Equator, with ♃ ♂ in *laxa oppositione.*
- Novemb. 8. Horrible Comet, *Gem.* h ♀.
1570. *Octob. 8. Wind, Rain, and much Harm with Clouds. Hollingh. Stow.* h ☉ ♀ at the end of ♄.
1571. *Sept. 11. Chasma flammeum, Gem. ma 2.* h ♀ circa Equator.
1572. *Nov. 18. Star in Cassiopeia:* We shall meet with ♃ ♀ opposed, but also we find h ♀ in m. *Scorpio, say I, hath great Influence on such Phenomena.*
1574. *Nov. 14, 15. London. Heavens burning. Stow.* h ☉ ♀ in ♌. Even so these 3 Planets in ♌ fired all on the one side, ♃ in ♄ over their Heads; and *Jove* Fires all on the other side; an Ocular Demonstration!
1577. *July 4, 5, 6. The Fatal Damp at the Sessions at Oxford.* You may remember, mentioned before in our discourse of ☉ ♀; there were other Aspects upon that place; but h ☉ were great Movers, who can deny it, when a Month after ☿ h ♀ comes and destroys 20 Persons by Lightning, *Howe 682.* h I say, for ♀ is Stationary; No danger but when the Thief stands.
1578. *June 28. Freezland, is cover'd all over with Snow. Frobisher 3d. Voyage. 630. Hideous Fog, Ice infinite. 631.* h ☿ ☉ ♀:
1581. *Jan. 5. Tripoli. Ten Ships wracked by Storm. Newberg. Purch 1. 411. Febr. 21. Aleppo. Comet ascending South-West in ♍, and descending North-East. Purch. I. 121.* h ♀ ♃ in ♄. Note, this Comet appeared not in *Hevelius's* Catalogue. Note also this Year there is News of a *Vulcano* Flaming at the *West-Indies*, *Guatimala, Angango, Iseland.* From *A-*
- costa* and others. But they envy us the day of the Month. So h or some other Good Planet loses by it.
1585. *A March 19.* for so you must read it; *ad April 14.* Mr. *Gavendish* separated from Sir *Walter Raleigh, Hakl. 734.* Wonderful that then began ☿ h ☉ in ♍ 8. and about that time in *April*, ☉ had got out of the Sign.
1587. *April. 16. Easter Day, very Great Storms for 3 days. Cables broke, Hakl. 759.* ☿ ♀ oppos. in ♍ ♃, h ☉ ♀ in ♄. and before that *Apr. 12.* Foul Weather, E. of *Gumberland. Hakl. 734.*
1596. *Febr. 8. Great Tempest. We lost the Foresight. Drakes Voyage, 3.* h ♀ in ♍ and ♃.
1597. *Aug. 24. Foul Storm, most intensely violent 5 or 6 hours. Purch. 1943.* ☿ ♃ ♂, but h ☉ ♂ are in ♍; and *Sept. 19. 20.* h ☉ ♀ all in ♍.
1599. *Sept. 7. Straights of Magellan, Storms, forced Cpt. Wirtz to stay. In 2 Months not one fair day: our Principle refuses not to give an account if need be of those Two Months, Suffice at present that it began at a New ☽, near the Equator of one side, with h ♀ deep in ♄ on the other side.*
1600. *Octob. 17. Streight of Mamil-la, Storm had almost rob'd us of our Masts and Sails. h ☉ ♀ in ♍, and ♀ within call.*
1606. *June 10. Shoteland. All afternoon and Night following, thick and, Rainy Weather. Purch 3. 823.*
- Die 15. Lat. 56. deceived by an Orderly Current. 22. Storms. Purch. h ☉ ♀ in Trop.*
- July 6. 58. A Southerly Current Purch. 8. Die 9. A violent Current, Lat. 60. Is not the ☽ added now to h ☉ ♀: Die 19. Mighty Current, Id. h ♀ ♀.*
1607. *Decemb. 8. Frosts till Jan. 15. thence to Febr. 15. It began h ♀ in ♍; Yea, and the ☽ on the day it first appeared; to say nothing of ♀ being come within the term.*
1608. *June 18. C. de Agullias Tempestas & Frigus Maximum Arthus. h ☉ ☽*



- h ☉ in trop. die 26. *Tanta vis ventorum ut aliqui umbilico tenus aquis institerent.* Id. h ☉ ♀.
1609. July 2. New-found-Land, At night much great Rain, Wind shifting. *Purch* 3. 184. h ♀ ☉ die 8. we caught 118 great Codd Fish, and saw great Sholes of Herrings, h ♂ ♀ ♀. Die 10. Great Current, and yet no ground, at 170 Fathoms, Lat. 41. h ♂ ♀ ♀.
1610. Circ. Jul. princip. we had a Storm, our Men fell sick *ad fretum Davis.* *Purch.* Lat. 78.
- Aug. 2. A great and whirling Sea, whence I know not. *Id.*
1615. March 15. About G. Comorin we saw 3 Spouts of Water not far from us, one whereof continuing about half an Hour. *Purch.* 1. 515, ☉ ♀ ♀ ♀ in ♀.
- Die 28. *Magellan* Streights, Wind and Tide forced us out. *Purch.* 17. ☉ ♀ ♀ ♀.
1616. March 16. Terrible Storm in the Bay of Portugal, 5 days and Nights.
1617. March 21. *Ventus Decumanus*, *Kepler*; h ♀ in ☉, *juxta Pleiad.*
- May 1. *Parelia*, K. h ☉ ♀ in ☉.
- Die 1. Lightning. K. h ☉ ♀ in ☉.
- Oct. 22. *Sol Pallidus*, K. whether h do not contribute by way of Opposal of the ☉, and ♀ with the ☉, by way of Opposal to h, *inquirendum est.*
1618. April 21. Thunder very vehement, but no Rain; Extream hot at Night, ♂ ☉ ☉ ♀ in ☉. Die 16. Hot. They cannot endure to wear so much as Linnen, *h ut supra.*
1619. July 1. *Pluvia Continua.* *Calv.* h ♀ ♀ in ♀, ♀ ♂ opposed in ♀.
- Dec. 10. A Current to the Northward, which used to be South-East, *Purch.* 1. 1629. if that usual Current came not from the Streights. 'Tis not impossible that former Current may, considering that h ☉ ♀ ♀ are all opposed in the Tropique.
1621. June 20. *Tempestas perstrepuist.* K. h ☉ ♀ in ☉.
- 29, 30. *Largissima Pluvia*, *Id.* h ☉ ♀ ♀ in ☉.
- Dec. 23. 24. *Parelia*, h ☉ ♀ in ♀.
1622. Circ. Anni Princ. in Poland, Comet and Earthquake. *Purchas*, Vol. 5. h ☉ ♀, ☉ ♀.
- Die 25. *Phasmata*, in Norico, *Arcus inversus in Franconia.* K. ♂ ♀ in ☉. h ☉ in ☉ ♀.
1626. Sept. 4. *Iris, ante ortum.* *Kepl.* h ♂ ☉ in ♀.
1627. Jan. 18. *Ventus decumanus*, *nix copiosa.* h ♀ in ♀ ☉.
- Feb. 9. *Ad Francie oram ingens Tempestas.* h ☉ ♀, ♀ Stationary.
- March 1. ☉ *Pallidus*, h ☉ in ♀ ☉.
- A Feb. 22. *ad March 6.* *Macula* ☉ likewise h ☉ ♀ in ♀ ☉.
- April 2. *Nix multas.* h ♀, ♀ ☉.
- Aug. 13. *Grampisce*, at Woolwich, ☉ ♀ is brisk, but h and ♀ at the end of ♀, do alone proclaim a Disturbance of Nature.
- Febr. 14. *Naves 37. submersa cum milibus Hominum.* *Calvis.* ♂ ☉ ♀ ♀ but opposed by h.
1628. Octob. 2. *Westminster Hall* Floated. h ☉ ♀ in the last Decade of ☉, the Opposition of ♂ and ♀ helps to swell the Waters, but our other 3 Planets wring them down. Not unlike was the Weather in *Silesia*, as appears from *Keplers Ephemerides*, *Imbres continui* for Two days together at the end of September.
- Sept. 7. *Nimbi Grandinosi.*
- October 28. *Parelia*, h ♀ ☉ in ♀ ☉; there's ♂ and ☉ in ♀ too. Perhaps that's the Principal Contributor.
1629. April 1. Continual Rain. *Kepl.* h ☉ ♀ in the last Decade of ☉.
- Die 16. *Wittemburg*, *Parelia*, h ♀ ♀ in ☉ *sine*. ☉ ♀.
- Die 21. Tempest and Horrid Thunders. K. h ♀ ♀ in ☉ *sine*. ☉ ♀.
- Sept. 17. Rain the whole day. h ☉ ♀ in ☉ So die 19. h ☉ ♀ ♀. now ♀ it got in.
- Die 20. *Sol Pallidus*, h ☉ ♀ ♀. in ☉ to me nothing Plainer, the Sun's Satellites, and h Glow upon the Sun.

1630. May 7. Noxious Thunder, *Kepler*. h ☉ ♀ ♀, m ♂.
1636. Jan. 4. Rain and Storms, h ☉ ♀ in ♀.
- Die 6. Much Rain.
- Die 21. Viel. St. Rain fast, *Durchaus*. Kyr. ☉ ♀ helps to rain the whole day, we have heard. Here they are found in ☿, but h. and ♀ in ♀ contribute.
- May 14. Chafme. h ♀ in ♀ ☿.
- June 6. Heat, Thunder, h ☉ in ☿ ♀.
- Die 15. Frightful Thunder and great Rain. h ☉ ♀ in ♀ ☿.
- July 1, 2. Rain and Thunder, h ☉ in ☿ ♀.
1639. Febr. 21. *Travado's*, Whirlwind, *Mandeflo*, Lat. 21. ☉ ♀, ☿ ♀ h ♀ in ☿.
- Aug. 9. Near *Madagascar*, *Grashoppers* deprived us of the Sight of ☉ ♂ ♀, opposed by h in ☿.
- Die 22. *Monfon*, came unexpectedly.
1641. Octob. 16. At *Danube Stream*, Storm and T. M. Kyr. ☿ 6. h m 28. ♀.
1644. Nov. 17. *Parelia*, *London*. C. *Wharton*
- Die 18. Snow all day, and also Thunder. Kyr.
- Die 25. Halo ☽.
1645. April 16, 18. *Sol sanguineous*, ☉ ♀ solves it pretty well; but withall h opposes them near the Equator.
1646. Febr. 11. Thunder, Meteors, *Kyriander*. ♂ and ♀ we allow before; but also h ♀ in ♀ and ☿ nearly opposed.
1648. Nov. 13, 14, 15. Rainy and Windy.
- Die 19. Near the Isle *Andro*, a Spout half a quarter of an Hour, *Id*. h opposing ♀ ♀ in ☿ ☿.
- Die 28. Very violent Storm. *Id*.
- Dec. 2, 3. *Fortune tres-violente* all the Night. *Id*.
- Die 14, 15. Very violent, *Id*. h opposes ♀ ♀ in princ. *Tropicks*.
- Die 18. Currents, h opposes ♀ ad fin. ☿.
- Die 23. Strong Tempests of Winds and Rain, *tot. die*. ♀ h in ☿ ☿.
- Die 27. Hail and much Lightning.
- Die 28. Rain a vesp. ad med. noct.
- Die 30. Sad showr, Hail and Storm of Wind, most violent Lightning in the South-East. Many Ships lost in the *Mediterranean*. *Calvis*. Append. To all this answers not so much ☿ and ♂, as h's opposing of ♀ near the Tropique.
1650. Warm Winter, many Plants Green. For December and January the aforesaid Configurations may be noted. *Vesuvius* burns. *Transact*. 68. h on the Tropic point, or near it, the year throughout.
- Dec. 10. T. M. in *Northamptonshire*, h opposed ☉ ♀ All in Tropic,
1655. July 29. *Ignis fatuus*. *Tarnton*. h ♀ ♀ in ☿.
- Sept. 2. Tempestuous. h ☉ ♀ in ☿. ♀ R.
1656. March 28. Much Thunder and Rain, yet windy day. h ♀ ☽ in ☿, whereupon came Flouds.
- April 3. Sad Rain mane toto. h ♀ ♂ in ☿ ☿.
- Die 14. Flouds at *Tarnton*, never so high. h ut supra.
1657. Feb. 20. Very Cold, bitter, blustering. h opposing ♀ ♀.
- April 14. Rain die tot. h and ♀ near the Equinox.
1658. March 29. Powring Rain. ☉ ♀ opposed by h in ☿.
1660. May 28. Hot, Thundring. h ♀ in ☿ m. ♀ R.
1665. Between April the 3. and May. 8. VII. or VIII. *Colliers* stifled with the Damp. *Transact*. p. 44. Add this to our Relations of this Nature at the end of Chap. 3. Lib. 2. which I brought in to evince the Cælestial Powers of these great Movers in genere; but here I claim them for h's proper Influence, which to me, they seem to demonstrate: and I was willing to fancy here is a confirmation. For first, is not h in the Tropic, the Critical, Cardinal Position in all those 35 Days? Well! And 2ly. Were not some of these Cole-Miners suffocated on the first and last days, between which the rest of the Number caught their Death? Then say I,
- M m m m h is

h is concerned. I know there is ☉ and ♀ in δ. But is not h also Raifer of such Pestilent Damps at such times? Because if there be no ♀ extant, there's ♀'s □, and that duple. Not ♀ alone, but ♀ with him in *princ.* ♀, which is a perfect Square. But then for Opposition: Doth not ♀ make all the hast she can to the Cardinal ♀ of h? What think you of May 8. the last day of the Fixed Term? Do we not find there a Partile Opposition between h in ♄, and ♀ and ☉ in ♄; the two extrem Days concur, h ♀ ☉ a *Quartile* at the First, an *Opposition* at the Later. I have more yet to say, when h according to our Doctrine, enters just upon a 30. gr. distance, which we may call a *Quincunx* or *Opposition*. It hits luckily for our pretences; and because I reckon it such, I will content my self, and wade no further in the Complement of this Diary, undertaken only to manifest the Power of h, the least, to view, of all the Planets. Only this puts me in mind to take into consideration whether h with the Minors may have Influence on the Body of the Earth, as well as the Spirit. To shake the massie tangible part

as well as to disturb the more Spirituous, Sulphureous, and Arsenical Exhalation. And there is an Instance from *Constantinople*, A<sup>o</sup> 1509, which brings too much Evidence, Thirteen Thousand Men slain by the Ruine: Preparing the Grave first, and then destroying the Person to stop its Mouth. There is no visible Cause so conspicuous as ♀ ☉ ♀ near the Autumnal Equinox. All that time no h δ. no ♄ and δ, &c.

1669. Febr. 26. The late Famous Eruption at *Ætna*. δ h ♀, ☿ 10. gr. Partile; again, March 1.

1680. Dec. 30. *Naples, Terra Motu*; h in ♄, opposing ☉ ♀ Retr. Let this suffice. I presupposed that δ and ♄ were Potent Stars; I was not so sure of h. Wherefore having some hints before from his δ with his Inferiours; I was engaged by my Love to the search of Truth, to bestow some hours upon so warm a Sent; and behold to me, he is as great as the Greatest *Uranographer* can make him; and so must we reckon him. Let Calculators define his Place and Magnitude at their Peril. It satisfies us that he is so big as to cause so great an Influence.

### Cometæ Saturnini et Pestes.

1505. Sept. 4. About *Michaelmas*, and the New ♀, a great Meteor as big as the Moon, *hor. 4. Matutina*. h ♀ in ♄, as well as ♄ ☉ and h in ♄.

1512. March and April, Comet, *Sanguinei coloris*. h ♀ ☉ in *opposit. prope Equat.* Add δ ♄ ♀ in the precedent Sign ♄. 'Tis the Signs conspire, and contribute their share.

1521. April 8. *Speſtabilis Cometa in fine ♄. ♀ Dichotomæ similis. Hevel.* h opposed ♀ in ♄, ♄ opposed ♀ in ♄.

1526. ab Aug. 23. ad Sept. 23. h ☉ ♀

were opposed about the Equinox long before its Expiration. Ergo it was generated by the approach thereto.

1529. Four Comets this year, h is in ♄ all the year long, except the very beginning.

1530. In June, Comet, h ♀ in ♄, ☉ δ ♀ ♀ after, in ♄.

1533. June *princ.* Comet in ♄, *prope Perseum*, deinde Retrograde. h ♀ in ♄, ☉ ♀ not far off.

1556. March 15. h δ ♀ ♀ ☉, all in ♄. *Sat est.* And where did it begin? In *sinistra ala ♄*, *Hevelius*. And how far is that from the precise



cise Opposite Point of the Zodiack to h, or q position?

1557. *Mense Octobris*, a Comet. Is it enough to say h is in  $\delta$ . No, but there are 3 Planets in  $\delta$  to h in  $\delta$ , viz.  $\odot$   $\varphi$   $\varphi$ , and this is enough.

1558. Comet in *August*; I must not say h was in  $\delta$ ; we shall find it under the Jovial Comets. But I may say he was in  $\delta$ , seeing he was Lodg'd with the Famed *Pleiades*.

1559. Comet at the end of *May*, h  $\odot$  in  $\pi$ ,  $\delta$  opposing in  $\alpha$ .

1560. Comet, *Decemb.* 28. h had a hand here, posited in  $\pi$ . 18. as sure as  $\gamma$  was in the same Sign with h on the day of its first appearance.

1569. Comet, about the beginning of *November*, there are other considerables to be observed, but withall h and  $\odot$  were in  $\alpha$ : see in  $\gamma$  and  $\delta$ , A° 1577. when a Comet shewed it self in *Peru*, long before it visited *Europe*, viz. *Novemb.* 1. as *Acosta* Witnesses. Here, least I should forget it, let me note a Great Affinity between the Planetary Position here, and 1577. for here we shall find two in  $\gamma$ , two in  $\alpha$ , and one in  $\nu$ . There, two in  $\gamma$  three in  $\alpha$ , and one in  $\nu$ . Nay, if we find any other Mould for Comets but the Planetary dispositions in such Signs and Degrees of the Zodiack, I am much abused.

1585. *Octob.* 18. A Misty Star observed by *Tycho*; I see  $\gamma$   $\delta$  opposed in  $\pi$   $\gamma$ ; but withal I desire it may be noted that the Star appeared but 5 degrees distant (at first) from h. It was therefore created by  $\odot$  opposing h in that place.

1596. *July* 9. *St. N.* A Comet. h and  $\varphi$  in princip.  $\pi$ .

1607. *Sept.* 15. *St. N.* A Comet, tho' is was 9 Months, belongs to other Configurations; yet note, h in  $\nu$ , and withal where  $\alpha$  is strangely possessed, a lucky Planet in  $\nu$  will help to forge a Comet, but this by the way. See A° 1560. likewise A° 1569. then that

of A° 1652. & A° 1661. *Feb.* 3. *St. N.*

1625. A Comet, *Jan.* 26. *St. N.* observed by *Schickard*, *Kepler*. h  $\varphi$  in princip.  $\pi$  &  $\kappa$ .

Thus was I willing to examine *Epigenes* his Doctrine, who ascribed the *Genesis* of Comets to our Planet, and you see not without reason. *Seneca* therefore was too wise a Man to attaque *Epigenes* hereabouts.

Note always that this Draught is concerning h, only engaged with the Inferiours  $\odot$   $\varphi$   $\varphi$ ; with the Superiours  $\delta$  and  $\gamma$ , he will shew yet further Power.—And now let us consider his Malignancy, if any there be; what hand he may have in irritating *Epidemics* *Pestilences*, &c. For I hope he is more moderate as to that yet, while joynd to the Inferiours, then elsewhere.

1508. *Pestilence. Dimetbr.* 156.

h  $\varphi$  in  $\pi$ . *July*.

$\varphi$  in  $\pi$ . *August*.

1510. In *Gallia. Dimetbr.* 159. h  $\varphi$  in  $\alpha$  mens. *Sept.* h  $\varphi$  ib.

1514. *Pestis. Dim.* 59. h  $\varphi$  in  $\alpha$  mens. *August*.

1517. Sweating Sickness from *Lammas* to *Michaelmas. Hen. VIII. Stow.* It belongs to  $\gamma$   $\delta$ , yet h  $\varphi$  were opposed in Tropical Signs, down to the midst of *July*.

1521. Great Death in *England. Hen. VIII. Stow* 514.  $\odot$   $\varphi$   $\varphi$  opposed by h in  $\pi$ . *July* & princ. of *Aug.*

1522. *Pestis atrox Roma.* As the year before in *England*, so now at *Rome*.  $\varphi$   $\varphi$   $\gamma$  opposed by h in  $\pi$ , in the Month of *July*. Note a Pestilential face of Heaven.

1525. Winter Mortality at *London. Howes.* It belongs to  $\gamma$ , for *Oct. Nov. &c.* but the first Indisposition might well be in *Sept.*  $\odot$   $\varphi$   $\varphi$  opposed by h in  $\nu$ . Are not our assigned Causes consonant? for in 1521.  $\odot$   $\varphi$   $\varphi$  are opposed by h in  $\pi$ , as here in  $\nu$ . And if 1526. were somewhat infected, as *Fallopianus* witnesses, we have  $\odot$  and  $\varphi$  at least in *Septemb.*, opposed to h in  $\nu$ . 1538

1568. *Pestis crudelis*, we shall find in  $\text{h} \delta$ . 'Tis true, as to *June* and *July* Months. But  $\odot \text{h} \varphi$  in *August* are concerned; and  $\text{h} \odot \varphi$  for *September*.
1540. Great Mortality, Ague, Flux, Pestilence. *Stow*  $\text{h} \delta$  in  $\text{=}$ ; for *June* and *July*.  $\text{h} \delta \varphi$  for *August*.  $\text{h} \varphi \varphi$  in  $\text{=}$  for *September*.
1551. Sweating Sickness at *London*, *July 12*.  $\text{h}$  we shall find with  $\delta$ , 'tis true; but in *July* he also opposes  $\odot \varphi$ , then  $\varphi$  again and again. And note  $\text{h}$  in  $\text{=}$ , for Dangerous it seems in those years, where the *Estival* Planets in a knor, or immediate succession face him in  $\text{=}$ .
1556. Feavers, whereof dyed many Aldermen, *Stow*. The like is noted in an Old *Ephemeris* belonging to a Prelate in those times. *Episc. Orcadens*. And  $\delta \text{h} \delta$  is pointed out as the Cause; but that  $\delta$  enters not till *November*. Yet there is a  $\delta \text{h} \varphi$  begins in *July*, holds all *August*, as Stationary in *September* and *October*: to say nothing of  $\odot$  and  $\varphi$  in those Months.
1567. *July*. Pestilence, *Lovain*, *Gemma*:  $\text{h} \varphi$  were opposed in *mens. Julii*.  $\text{h} \odot \varphi$  in *August* and *September*.
1577. *Bruno Gallicus* sive nova *Mora* via *Lues*, *Dimerbrock*.  $\text{h}$  in  $\varphi$ ,  $\varphi$  in  $\text{=}$  Stationary; all *July* and *August*.
1578. *Lisbone*, *Biennii spatio*, 70000. *interiére. Untzer*. We shall have have it under  $\text{=}$  and  $\delta$ , but  $\text{h}$ 's place in *fine*  $\varphi$  ought to be observed, since  $\odot \varphi \varphi$  face him in *June*.  $\odot$  and  $\varphi$  in *July*, which co-operate with the before said Congress of  $\text{=}$  and  $\delta$ .
1580. *Novus Morbus Luneburgensis*,  $\text{h}$  is in  $\text{=}$  again, and opposed  $\varphi$  in *June*,  $\odot \varphi$  in *July*. of  $\text{h}$ 's being in  $\text{=}$ , we have spoken before.
1609. *S. Pestilence* in *London*. Other Aspects may give account of the preceding Mortality. But for *September S. N.* we have  $\text{h}$  in  $\text{=}$ , opposing  $\varphi$ , and somewhat of  $\varphi$ .
1610. Some Infection in *London*, *Bristol*. *August. St. N.*  $\text{h}$  in  $\text{=}$  opposed  $\varphi$ .  $\odot$  and  $\varphi$  in  $\text{=}$ .
1630. Some Infection, *London*.  $\text{h}$  circ. princip.  $\text{m}$ , and opposing  $\varphi$  in  $\text{=}$ , holds all *March, April, May*;  $\varphi$  Stationary.  $\odot$  coming to the scrap in *May* and *June*; Then, or before that, other Aspects take place.
1636. *London*. Pestilence began in *May*.  $\delta \text{h} \varphi$  in *Tropique* Signs. In *June*  $\odot$  and  $\varphi$  are opposed by *Saturn*.

## CHAP. XII. ☿ ☉ ♃.

## Conjunction of Sol and Jupiter.

§ 1. The Planet  $\Upsilon$  unanimously defin'd by the Antients to be temperate,  
 2, 3. And yet a Thunderer as the Two other Superiors. Remphan  
 The Character for the Planet is not a Greek Z. 4. His Hue pro-  
 misseth Lightning, ☿ & ♂. 5, 6, 7. Defin'd to be Warm and  
 Moist, yet sometimes he is busie with the Cold. 8. A Favourer of  
 Drought. 9. Content with a Mistle or Drifse, or Showr only coasting  
 the Country. 'Tis wonderful when it rains in one place, and not in  
 another, yet that Objection doth not rent Prognostique. 10. Philoso-  
 phy gives account of as wonderful things. 11. Moisture, and the  
 Restriction of Moisture, must come from several Principles. 12. Fro-  
 sty Morn. under  $\Upsilon$  as under  $\hbar$ . 13. Eichstads Suffrage for  
 the Cold of  $\Upsilon$  & ♂. 14. The Satellites may have Influence with Jove,  
 but not hinder his Relation to Cold. A warm Gleam rebated may yet  
 actuate a chill Exhalation, proved by the Freezing Experiment with Salt,  
 and the cracking of a Bottle immersed in the Depth of the Sea.  
 15. Light the Spirit of the World; in no need therefore of any In-  
 herent Frigorific in the Planets. 16. The Antients drew their warm  
 Character from the ☿ of Jove with Sol. Which 16, 17. is Warmer  
 than the Opposition. 18. Retraction of the Thesis which makes  
 Jove the Cooler Planet. 19. The Diary. 20. Jove of it self a  
 Warm Star. 21. Ponderous and Violent. 22. His Lightning  
 scarce Innocent. 23. How  $\Upsilon$  is Cold; what Evidence for it. 'Tis  
 not any natural Emanation of the Planet, but wholly Accidental.  
 25. Paralogism retract'd. 26.  $\hbar$  is colder, but neither is he intrin-  
 sically such. 'Tis Accident here also, and Restraint or Desertion.  
 27. Whether  $\Upsilon$  be Parent of the North Winds, or Serenity. 28. Evi-  
 dence of the Premises. 29.  $\hbar$  appears not Cold, but in case of De-  
 sertion, notwithstanding his Distance. 30. Difference of Frost.  
 31. Jove seems after all, to be a back Friend to Moisture. 31. Some  
 Sollicitude in observing this Planet.

§ 1. THE Aspect of Jove with ☉ and the rest hath bin deferred to the last,  
 because we are the First that I know of, have ventur'd on the Pa-  
 radox, to assert this our Jove to be a Planet of some cool Influence, as  
 well as the Famed  $\hbar$ . The Sentiments of the Antients is generally, that  
 He is Temperate, Ptol. Lib. I. Cap. 4. 20. Lib. 2. Cap. 9. on which account,  
 they reckon him with ♀ and ☿, a benefique Star, *Διὸς τὸν εὐεργετικὸν ἀστὴρα*  
 because of their Temperateness, Ptol. I. 5. So he in Lucan, *A Jove tempe-  
 raries*. Lib. X. l. 207. Before him Cicero de Nat. Deorum. Lib. 2. *Stellatarum  
 tantus est concentus ex dissimilibus motibus ut cum summum Saturnus refrigeret,  
 media Martis accendat, His interserta Jovis illustret & temperet*. The same  
 Notion in Pliny, *Ideoq̃ hujus (Martis) ardore nimio & rigore Saturni inten-  
 sertum ambobus ex utroque temperari Jovem salutareque fieri*, Lib. 2. Cap. 8.  
 Where you have the Temper, and the supposed benefique Influence found-  
 ed thereon.





*Cardan* : Constant, saith he, quod ☿ & ☊, imo ☿ ♃ & ♀ exsiccat : and then 'tis a Question worth while, adds he, how they can Exsiccate cum sint humidi. *Cardan de VII. Stellis errat. Cap. 10. de Saturne.*

§ 9. And when the very Antients confess He is but moderately moist, as we have heard, it seems there is some Obstruction in ♃, that hinders the measure that other Planets give.—Secondly, another observable which I attend to, is some abatement of Moisture, which attends it, and the Showr which the Countryman calls a coasting Showr in our Aspect, running round the Heaven, and serving the Neighbour Villages, in the mean time none of his bounteous Dole falls upon his peice of Ground. Such a difference there is of Showrs, is manifest, whereof some more liberally expand their Vail over all the Hemisphere; others, more enviously confine themselves to such a Border, or Skirt of the Horizon. The Observer shall find that this Showr, or the Confinement rather, I had almost said is frequent under this, or some other Jovial Aspect; which if it be so, I beseech the Reader, to observe, that it may not march for an Objection any longer, how shrewd soever it hath hitherto seemed, that all Predictions must needs be vain, inasmuch as our Eyes themselves are Witnesses how it Rains often-times in one place, while not a drop falls in another; and this within Sight, within the very Ken of the Wizard, whereas the Wizard hath got a distinct Principle, which he advanceth, to give an account of that Excellent Phenomenon, viz. when Rains shall fall General, and when Tropical.

§ 10. 'Tis Excellent, we grant, and the Creator we heartily believe is to be admired in it, according as Nature and Holy Writ teach us. But we ask what absurdity is it in Philosophy to give some part of account of several things justly wonderful: In *Geometry, Optiques, Mechanics*, Miracles are allowed. Are they a Supernatural Philosophy? Verily. Astrology had been no Diversion or Study of mine, but that it treated of Wondrous Causes, in order to Wonderful Effects.

§ 11. Now this I have called resisting, impairing, diminishing, and from which I argue, that Moisture it self, and the Restriction thereof must come from several Principles; 'tis not the same Principle that causes Rain in one part, and at the same time Serenity round about the rest of the Hemisphere.

§ 12. You have seen the Proof which we offer'd at before, *Lib. 1. Cap.* as that he is the Fautor of Serenity, and so confessed by Astrologers, *Cardan, Ptolemy, Kepler, Eichstad*: Men of Experience, and not of implete Faith only. 2ly. From the Strange Product of the Northerly Winds, which it seems also by the same unanimous Voice to belong to this Body. *Ptolemy* makes it out by a fetch of his own; but be that attempt of his passable or not, the *7<sup>n</sup>* is true. 3ly. I have been curious to observe the Aspects of ♃ and ♃, each with the ♃; and I find Frosty Morns and other Tokens of Cold, even as often under the Later, as under the Former. I tried also in *Keplers* Nine Years Diary, and I found Nothing but Agreement. It will be said, and so it will prove in the Aspects of ☿ with the ♃. I answer, Nay: Let any make Experience who hath Observations by him, or, for Want of them, in *Keplers* Diary.

§ 13. We want some Authority to back us now, there being Few or none who tell us that he hath a Chill Influence: Yet we are not altogether Destitute of that Experienced *Eichstad's* Suffrage, who, though he tell us, (*pag. 38.*) ♃ and ☿ are hot, yet he tells us (*pag. 40.*) that some Transits of ♃ caute an East Wind, and a Cold Air, at least by Night, and a bright Air by Day: But more home a little before, that even the Aspect of ♃

and

and  $\delta$  sometimes being *Mediocre Gelu*, because of the North-Wind that accompanies it. So much doth *Ptolemy's* Fetch stand him in stead.

§ 14. What have we to say but this (leaving the *Mystery* of the *Satellites*, if they have Influence considerable, as I believe they have none, no more than a new single Star, in *Cygnus* suppose, hath;) but that *Jove*, singly considered, with, or without those Attendants, though he be Warmer than  $\hbar$ , doth not abandon his Interests in frigid Impressions; since Warmth it self, when dull'd and rebated by the Affluence of the contrary, is not wholly bound up, but may and doth exert its Power according to its Stint, in exciting the chill Exhalation. Thus in the *Freezing* Experiment, the mixture of Salt with the Cold Water helps to Congelation, the Salt invigorating the Cold of the Water, and so conglaciating the Snow. To which I refer the other Newer Experiment, wherein an Empty Bottle stop'd close, and sunk awhile in the Depth of the Sea-Brine, returns again either with a Crack or Flaw, or with the Cork forced into the Neck of the Bottle. So great is the Condensation of the Air, as I reckon, from the Coldness of the Water invigorated and actuated by the salt Ambient Spirit.

§ 15. How to unriddle this better I know not, for I am not fond of a Heterogeneous Principle lodg'd in the Planet, though 'tis suitable enough to the *Copernican* Subtilty, to make a Luminous Planet Fraught with store of Heterogeneous Emanations, Cold and Moist, Nitrous, Sulphurous; yea, and these reaching not 2 or 3 Miles, but 2. or 3000 Miles, if the proportions assigned to the rarefaction of late, take place, which maketh Air to exceed Water in rarity 1000 times; according to which a misle of Vapour or Fume, may be extenuated into some hundreds at least. Yet least I should be forced to make use of the same Hypothesis in the Fixed Stars, who emit all the way a Warm Emanation as certain as they do Lucid One; For a Frigid Efflux I will not undertake, only say, as you hear, that Light or Heat, from such a Body so distanced, so circumstantiated, may have some Interest in the Cold Atome: Cold being not caused, as Astrologers define, from the meer absence of Aspects, but often from the presence of such determinate Aspects of  $\hbar$  and  $\mathcal{U}$ ; or, as we may after learn from the Planetary Bodies Position, in relation to the Fixed, whether they be mutually among themselves Aspected or not. I said at the beginning, that Light was the Spirit of the World; and the Learned *Isaac Vossius* I see since, is much of that Mind.

§ 16. The Truth is, the Antients, as I have reason to believe, drew the Character of *Jupiter* from their Observation of the Conjunction only, and therein I confess most to an end he is found Warm and Moist, and the reason may be, because in Conjunction with the Sun he becomes Diurnal, and so partakes of the Additional Streams of those Celestials, which always attend the Sun. As a Man is always warmer in a Croud; Six, Five Planets may be, Four must be above the Horizon at Noon, when Conjunction with *Jove*.

§ 17. Nor is this all, for *Joves* Motion in Conjunction with the Sun, is more deliberate and slow-paced, than in Opposition, &c. thereupon he may seem to imbibe a greater share of the Solar Warmth, then by a further distance.

§ 18. To this Effect some years ago I have disputed; but what say Second Thoughts since? They say, that the First, before, is the Certainty of Prognosis, wavers not, for  $\hbar$  is cool, and  $\mathcal{U}$  many times in a Cold Fit, and the return of that Fit comes under Cognisance. But then I find by what follows, that I may be obliged to retract any Superiosty in this kind given to *Jove*, as if he was cooler than  $\hbar$ , for albeit *Jove* doth play his part as often for Frost,



Frost, even as it perhaps; yet *Jove* is a much warmer Star, and Cold only by accident, which is far a more *facile* and smooth way of Procedure. Here we will first consider from the Experience of the Diary, the Warmth, and settle that; and then for the Cold afterward. The Diary in this place seeing a Controversie is to be decided thereby; hopes to be more welcome than ordinary.

## 40 Diary. The Hyemal Part.

1661. *OH.* 7. ☾ 24.  
Sept. 25. H. wd, mist m. some times shows. S.W.

27. Windy a. m. and clear; stormy wd, and frequent shows; cold d.

28. H. wd, f. shows m. cold cold and windy *die tot.* S.W.

29. Sad rain a 3 m. ad 9 m. clear p. u. cold n. W.

30. Fr. cold. f. drops, shower o. fog n. S.

*OH.* 1. Shower 6 m. cold, L. shower *vesp.* S.W.

2. H. wind, cold shower 2 p. Lightning much, and Th. 8 p. ad 10 p. then violent Hail, Harm done by Lightn. E. N.

3. Fog, warm, cloudy even. E.

4. Warm, close mist m. ad 11 m. Ely.

5. Clear m. p. and warm, fog fall n. E.

6. Suspicion some wd, cool m. warm. N.E.

7. Clear m. p. fair, warm, misty *vesp.* N.E.

8. Misty a. m. warm, cloudy. E.

9. Cloudy m. p. dry, f. wetting 11 p.

10. Fog, cloudy, warm, colder p. m. S.W.

1673. *OH.* 11. ☾ 28.

2. H. Frost, lowring m. p. Aches. S.W.

3. Fr. m. windy and wetting 1 p. S.W. Armies in the Air at *Posen* in *Poland*, seen by 1000 of Spectators.

4. Frost m. lowring 4 p. cold and winterly-misty. Great T. m. in *S. Domingo*. *Gazet.* 127.

5. Frosty, ice m. Wly. frosty day.

6. Wind and rain a. l. warm,

dropping 2 p. S.W. Aches.

7. Frost, ice at *Putney*, shower 3 p. 9 p. S.W.

8. f. frost, fair, mist, winterly Air. N.

9. Frost, close, foggy a. m. wetting 10 m. & p. m. Sly.

10. Wetting o. some Rain a. L. S.

11. Warm Rain *ante l.* & *ante noon per tot.* very H. wds. S. S.E.

12. Rainy a Sun *ort.* ad o. wd higher, raging with rain p. m. E. m. S. o. W. *vesp.*

13. Bright a. m. coasting shower in the South and W. 2 p. S.W.

14. Frost, mist, rain 1 p. 5 p. 10 p. Lightning and Thunder. Aches. N.E. m. S.E. o. S.W.

15. Open and windy day.

1662. Nov. 6. m 24.

*OH.* 28. Fair m. shower 3 p. S.W.

29. Rain b. d. W.

30. Drizzle 7 m. open, fair, cloudy Sun *set.* S.W.

31. Fog, bright day, warm wind. E.

Nov. 1. Frost m. fair, cloudy p. m. rain 7 p. Ely.

2. Rain 1 p. &c. S.E.

3. Bl. clouds m. Rain a 9 m. ad o. Sly.

4. R. hard a 5 m. ad 1 p. Sly.

5. Fog, cloudy. Nly.

6. Close m. p. wind. S.E.

7. Close p. m. rain *opwards* n. &c. S.W.

8. Open, warm, clouds fly low, R. S.W.

9. Fair m. cloudy 1 p. and some rain, clear n. Sly.

10. Cloudy, *bris* 8 m. storms of wind and rain 8 p. Sly

1674. Nov. 10. m 28.

1. S.E. Misty, dark chill wind

and offer 4 p. wet ab 8 p.

ad 10 p. Barometer, sink fr. 14. ad 20.

2. Some wet 9 m. o. 3 p. 7 p. much R, high wind a. l. S.

3. S.W. Showring, h. wd o. so Sun *occ.* S.W. S.E.

4. Fair m. p. overc. misty n. Aches 7 p. S.W. These 4 days high wind on the Coast of *England*.

5. N. Frost, bright, cold NW.

6. Foggy, frosty, clear above. Aches 11 p. E.

7. N.E. Close fog, rain 10 m. shower 1 p. 5 p. N. *Indispos.*

8. W. rain m. fog, warm, R. 3 p. and wetting 9 p. 11 p.

9. W. Rain 6 m. foggy, clearing. p. m. Aches 11 p. *Indispos.*

10. Foggy, no frost, clearing, close. Aches 11 p. Nly.

11. N.E. E. Fog, some rain m. E. some wd. Aches *vesp.* *not.*

12. Dark fog, offer twice p. m. wd p. m. N.E.

13. N.E. Some wet *ante l.* clouds flying, Aches 10 p. cold, freeze n.

14. N. Foggy *die tot.* wd p. m. S.W. cold frost, ice night.

1663. Dec. 9. 2 26.

Nov. 29. Close.

30. Rain n. close day. W.

Dec. 1. Misty m. close. E.

2. Mist, rain m. p. m. m p. ap 9 n. W.

3. Rain m. close d. high wind 9 n. S.E.

4. Rain m. rain 9 n. 5 p. S.E.

5. Rain hard 3 m. close a. m. wet a 2 p. high wind ad 7. N.

6. Fr. *seet* a 6 m. 2 or 3 fleeces of sn. h. cool wd. N.

7. Sn. freezing *die tot.* sn. 10 m. N.

8. Frosty m. dropping 8 n. windy. S

9. Fog, close wd, f. moisture a. m. Sly.

O o o o

10.

10. Fog, close, moistning damp.  
Wly.  
11. Fog, close, dampning.  
windy. Wly.  
12. Fog, close, moistning, wdy.  
cold. SE.

1675. Dec. 12.  $\text{V}^{\circ}$  o.

3. S W. Fog, fair, close m.p.  
SW.  
4. Dark mist, close, wind. S.  
SW.  
5. Fog, dry, Hysterical fits,  
Aches. W.  
6. Mist, frost, close m. p.  
wd, some rain 7 p. H. wd,  
W. Aches 9 p.  
7. Close, dark, warm. Wly  
vesp. Aches 9 p. High wind  
10 p.  
8. Stormy wds 4 m. rain 7 m.  
H. wd, open. SW.  
9. Fog, cloudy m.p. offer 10  
n. wd. N.  
10. Rain a. l. so 2 p. 8 p. H.  
wd n. Children complain.  
11. Rain a. l. windy, warm,  
R. 2 p. Lightning vesp.  
SW.  
12. Dash of rain, fair, mist,  
windy. W.  
13. Much rain 5 m. dark,  
windy, rain 2 p. h. wind  
at n. Boys sicken. SE.  
14. Rain midn. & 2 m. 7 m.  
high wd, very warm, tem-  
pestuous n. dash 8 p. 10 p.  
SW.  
15. Close, wet p. m. Aches  
10 p. S W. high wind n.  
16. Very warm, dark winds m.  
Powring rain 11 m. Aches  
SW.

21

1653. Jan. 4.  $\text{V}^{\circ}$  24.

26. Mystyish n. misle. N W  
27. Misle m. some frost at n  
28. Fair, f. wind. SW  
29. Rain l. freez and mist at  
night.  
30. Fr. mist, cloudy, windy at  
night.  
31. Clouds, high wd. SW.  
Jan. 1. Mild, fair, windy.  
SW.  
2. Rain-like, f. wds, f. clear-  
ring. SW.  
3. Wind and rain p. m. somet.  
freez. SW.  
4. Fr. clear, f. wind; windy,  
wet n. SW.  
5. H. wind, cold rain, f. freez.  
6. H. wind rain, so Sun occ.  
S.

7. H. windy f. snow. fleet.  
SW.

1665. Jan. 8.  $\text{V}^{\circ}$  29.

- Des. 31. Frosty, windy, offer-  
ring. Nly.  
1. Freez m. open and warm,  
Comet seen. W.N.  
2. Frosty, windy, Comet seen  
clear. N E. Nly.  
3. Frosty, windy no $\text{st}$ . tot. snow-  
ing a. m. NE.  
4. Frosty, snow, cloudy, f.  
fn. 7 p. NE.  
5. Vehement frost, freez pot  
by the Fire. Comet seen,  
and ice upon the Thames.  
Nly.  
6. Vehement fr. Comet seen.  
Sly.  
7. Vehement frost, Thames  
frozen, red clouds at n.  
8. Frost, mist, Sun so warm  
as to melt snow, freez and  
fog at n. S.  
9. Frost hard, mist. NEly.  
10. Hard fr. mist, open, f. bl.  
clouds 4 p. SE.  
11. Vehement frost. Thames  
even frozen, fair. SE.  
12. Hard frost, giving p. m.  
freez at n. but cloudy. NE.

16

1677. Jan. 13.  $\times$  4

4. H. wd, dash of rain 3 p.  
warm n.  
5. W. Windy, somet. overc.  
warm. SW.  
6. W. Rain 10 m. & p. m. 8  
vesp. N. wind 11 p. W.  
7. Tempestuous no $\text{st}$ . tot. prac.  
H. wind, rain. W. Gout  
extreme.  
8. W. Rain circ. 3 m. & ante,  
Frost with ice, freez in  
shade, but cloudy, and fog  
at n. Gout extreme.  
9. Cloudy, windy, drisle m.  
wind and rain 1 p. drisle  
6 p. Gout. Two Meteors  
9 p. S.  
10. H. wind no $\text{st}$ . prac. drisle  
drisle m. Tepestuous die tot.  
Meteors 3. near S. 12.  
11. W. Clear. cloudy, R. 11  
m. 2 p. apace 8 p. Gout.  
12. Harmful tempest no $\text{st}$ . tot.  
f. rain 3 p. 6 p. 8 p. W.  
13. W. Fr. very high wind,  
storm, hail 2 p. 4 p. Rain  
8 p.  
14. H. wind, fog, open, Gout.  
W.  
15. W. Cloudy. rain a. l. f.  
rain vesp. and H. wind 7 p.  
Gout, Aches. SW.

16. W. no $\text{st}$ . frost, fair, dry.  
W.  
17. W. Very hard white fr.  
and fog m. so at o. with  
Rain, so 7 p. Nly. Indisp.

1654. Feb. 7.  $\text{V}^{\circ}$  29.

- Jan. 29. Fair, some wind.  
SW.  
30. Clear, mistyish, fleet. SVV.  
31. f. clouds.  
Feb. 1. H. wind W. f. freez,  
windy n. f. l. wet. N.  
2. Bl. frost, high wind, very  
cold, some snow.  
3. Black fr. snow-like, freez  
hard.  
4. Fr. bustling cold winds. N.  
5. Fr. some snow ante l. N.  
6. Fr. cloudy, rain-like, thaw.  
N.  
7. Showrs, so at n.  
8. Some rain, dropping at n.  
S.  
9. Dropping at n. freez h. NE.  
No wind.  
10. Fair, cold, freez, h. at n.  
S.

1666. Feb. 13.  $\times$  4

- Feb. 3. Fr. clear, bright Sum-  
mers day o. snow m. p. p.  
m. & n. W.  
4. Hard fr. ice, clear d. & o-  
pen m. bl. Skie, very cold,  
freezing at n. Sly.  
5. Cloudy m. before Sun rise.  
6. Very cold, Sun shine, open,  
fine Summers day, R. 6 m.  
7. Mist, cold, overcast, scarce  
any Sun shine, misting at  
p. m. & m. p. SW.  
8. Some moisture 5 m. SW.  
9. Cold, cloudy, open 10 m.  
cloudy p. m. sharp wind,  
clear n. Wly.  
10. Overcast m. cloudy, open,  
N. p. f. clouding.  
11. Thick fog till 11 m. over-  
cast at n. f. drizzling by  
fits. SW. Sly.  
12. Thick fog, misting m. sharp  
wd, lowring die tot.  
13. Thick fog, mist m. clo-  
dy, overcast, coldish. NE.  
14. Fog, clear, Sun shine o.  
Summers day. The Sick-  
ness increased this Week.  
SE.  
15. Mist m. cloudy, open at  
o. clear, fine and pleasant  
day. Nly.  
16. Fair a. l. mist, frost, fair  
overcast n. Nly.

1678.

1678. Feb. 18. X 10.

8. Pleasant a. m. wdy o. cldy  
m. p. W. Rain 1 p. 11 p.
9. Rain 1 m. cloudy m. p.  
drift 8 p. W.
10. Cloudy, misty, drop or  
2. W. Aches, indilpos.
11. Mist m. open, Summers  
day. W.
12. Fog, cloudy. N E. a. m.  
Wly p. m. then N W. ho.  
Meteor 6 p. *prope* 12 &  
*cor* 12. ho. 9. *prope* 2 &  
*Sirium*. Aches 5 p.
13. Fog, some wetting 7 m.  
temperate, Aches 11 p. N.
14. Mist, cloudy, fr. m. coldish  
2 & 6 p. a fine sight. NW.  
Great Meteors circ. 8 p.
15. Mist, Aches, close, windy  
even. W.
16. Mist m. cloudy, wind N.  
at n. W.
17. Mist. Aches 8 m. Wly.  
close p. m. mist 5 p. N.  
Aches.
18. Fr. mist, clear above, col-  
dish, Aches. E.
- Two Meteors ho. 8. one by 2  
the other *juxta* *Sirium*.
19. Some frost. mist, fair a-  
bove, overcast p. m. dew-  
ing 1 p. Sly.
20. H. wind, f. drops o. rain  
p. m. m. p. S.
21. Rain m. & o. high wd,  
R. 7 p. 11 p. S.
22. Wind, cloudy m. p. S W.

1655. March. 17. V 8.

8. Sad foking rain. S W.
9. Strangely clouding, f. l. R.  
S W. Clouds as in hail.
10. Dewing ante Sun ort. hail  
7 m. very cold. N E.
11. Frost, close, misty m. stormy  
R. Hail. S W. S E.
12. Sad foking day, cleer n.
13. Frost m. wind rise 10 m.  
clouds low. N E.
13. Rainy m. & p. m. by  
fits, clear n. S W.
15. Bright m. wind rise, cold,  
a drop. S W.
16. Fair m. clouds ride con-  
trary, dry, wholesome, cool.  
S W.
17. Close, warm, f. moisture  
at n. S W.
18. Close and cold m. warm &  
close d. S W.
19. Close, wind, cloudy, dry.
20. Some wet 3 m. close and  
dry, somet. open.
21. Fr. bright, cold wd. NE.

1667. March 22. V 11.

13. Frosty, offering snow  
somewhat open, calm. E.
14. Fr. gusts of wind, mist &  
Winterly Weather. freez n.  
S E.
15. Frosty and sn. a. l. thaw,  
misty thick air. S. S E.
16. Close, thaw, rain a. m. m.  
p. calm, *Thames* much ice.  
though Sun in *Equinox*.
17. Fog, midn. close, misty,  
warmish. Sly.
18. Fr. ice, fair welcome day.  
Ely.
19. f. frost, Sun clap in, close,  
offering at n. Wly.
20. Graft fr. fair and welcom  
day, fine Gales, *Halo* at n.  
N W.
21. H. wd, wetting. Wly.
22. H. wind *noft*. tot. f. *the*  
wet a. l. W. N W.
23. f. Rain, close mist, wet-  
ting, calm. Nly.
24. Fair, mild, pleasant day,  
freez at n. N W.
25. Fr. fair a. m. blew clouds  
and sh. p. m.
26. Fr. ice, very cold wind;  
Hail o. 7 p. H. cold wind at  
n. Nly.

1679. March 27. V 16.

17. Gr. fog, bright broad cl.  
o. cold n, and day. S E.
18. No fog, cold wind, wet-  
ting m. p. S.
19. Great fog, rain 5 m. drift  
S E. sharp wind and cold  
n. rain 4 p. Nly.
20. f. rain ante 7 m. N.
21. f. fog. Rain ab ho. 5. med.  
*vest. usque ad 7 med.* fair p.  
m. R. 6 p. *Iris*.
22. Clear Wly. Rain ab ho. 6.  
ad 8 p. S.
23. H. wind, no fog, R. *circa*  
ho. *noite*.
24. R. ho. 3 m. clear, no fog.  
N W.
25. No fog, cloudy. f. snow  
ante 5 m. cold, sharp, win-  
dy. N E.
26. f. fog, frost, cold, sharp  
wind. E.
27. Fr. grear fog, cloudy. Sly.  
warm day.
28. Some fog, frost. S.
29. Gr. fog, freez, clear above,  
very cold. E.
30. Gr. fog, clear above. S.
31. Rain ho. 3 m. cold, m.  
warm p. m. S.

Æstival Part.

1656. April 22. S 12.

13. Rain 7 m. 2 p. Hail p. m.  
in some places. Rain Surf  
ort. S W.
14. Wind and hard rain all n.  
f. coasting showers. Floud  
never so high.
15. Overcast 9 m. *Halo* Sun  
9 m. cold. E. *vejp*. W.
16. Rain ante L. cloudy. Wly.
17. Close, foggy ante Sun ort.  
warm, coasting showers o.  
S W. E.
18. Red m. warm rain p. m.  
gusts. W.
19. Cool and flying clouds,  
warm. W.
20. Red m. warm, gentle  
drops 2 p. S W.
21. Closing, very hot, blew  
mist, heat, drops Sun occ.  
S W.
22. Sun morn. hot, wd, shower  
5 m. 10 m. H. wind p. m.  
Red cl. fr. West to Mid-  
Heaven.
23. Blew mist, high wind *noft*.  
N E.
24. Cool m. foultry. A cloud  
raised by the very heat.
25. Bright m. foultry, Frogs  
croke.
26. Red m. lowring f. places,  
misty clouds.

1668. April 28. S 18.

\*\*\*

25. Fair white cl. warm, f.  
gales. S W.
26. Mist in prospect, windy,  
l. shower 2 p. Wly.
27. VVindy m. f. showing a.  
m. f. dropping p. m. VV.
28. Cool, drift 8 m. & c. mist,  
a drop at n. N VV.
29. VVet m. f. wetting p. m.
30. Fr. m. very cold a. m. N.  
Hail, clouds p. m. cold  
fair p. m. N E.

1680. May 3. S 23.

- April 24. E. Mist, clear, some  
overcast *vest*.
25. Much *dew*, audible wd,  
warm. E.
26. E. Very hot n. by all con-  
fession; warm day, cold  
wd, Aches 11 p. E.
27. Clear above, fog below,  
very warm sickly. Passing  
Bells 5 p. E.
28. Clear above, small wind,  
foultry. E.
29. E.



29. E. Some thin cl. hot, brisk wind. SE.  
 30. S E. Mist, very high wd, somewhat cooler. E.  
*May 1.* E. Close, cool wind, mist, suspic. Sun *ort.* clds contrary Sun *occ.*  
 2. E. open, cool, brisk wind, Country with rain. *Caterpillars* begin to appear.  
 3. Hail, Thund. Ground-mist, not a Cloud in the Sky, suspic. overc. Sun *occ.*  
 4. Rain a. l. *Gr.* E. close, cool wd, dewing 8 m. E.  
 5. E. Fog, clearing 7 m. warmer, close *die tot.*  
 6. E. Fog, close, dark p. m. shower with Thunder-claps Three, 6 p. ♂ *or.* dash 10 p. & c. ♀ *occ.* > *or.* ♀ in *Nadir.*  
 7. N E. Fog, f. wind, drizzle m. & o. dash 6 p. rain *ante* 11 p. *Gr.*

1657. *May 13.* II 18.  
 20. Cool wind, mist Sun *occ.* wind at n. NW.  
 21. Fair, high wind, threarn. o. cold even. NW.  
 22. Cloudy m. p. cool. NW.  
 23. Close m. p. NW.  
 24. H. wind, coasting shower 5 p. Sun *occ.* hot, calm a Sun *occ.*  
 25. Cool wind, somer. overc. Bees swarm, and return again.  
 26. Mist Sun *or.* dry, very hot SE.  
 27. Close m. f. shower, hempen clouds Sun *occ.* SE.  
 28. Red m. hot, blew mist, N.  
 29. Red m. wind. f. drops 3 p. 6 p. SW.  
 30. Lowring m. p. f. drops Sun *occ.* Showing *Oxford*, and with us 10 p. colds.  
 31. Showing, fine rain 11 m. coasting shower Sun *occ.* & 10 p. NW.  
*June 1.* Cool m. clear, white overc. NW.  
 2. f. wd, f. drops, (rain a m. N E.) SW.  
 3. Cool, f. gales, f. wet near London p. m. SE.

- 21 1669. *June 4.* II 23.  
*May 25.* Close, not cold, calm; fog at n. Wly. a droper Two.  
 26. Fine rain Sun *or.* 3 p. Sun *occ.* VVly.  
 27. Often showing Moon *or.*

- Gr.* Sun *occ.* and after R. bow.  
 28. Temperate, shower o. 4 p. bright. Nly.  
 29. Some overcast m. heat p. m. bright n. Sly.  
 30. Close, showing 6 p. Aches. Sly.  
 31. Temp. calm.  
*June 1.* Calm, open, blew mist. Heat 11 p. Sly.  
 2. Some moisture m. warm, bright n. Sly.  
 3. Fog m. Ely. warm, fair. SW.  
 4. Fair, warm, overcast at n. Wly.  
 5. Fair, windy. Nly.  
 6. Suspicious m. calm, cool in shade. SW.  
 7. Windy, rainy 9 m. 30 p. m. and at n. chill.  
 8. Fair, flying clouds, wd.

1681. *June 8.* II 27.

28. Heat, clouds promise a. m. clear up p. m. W.  
 29. Heat, strip'd cl. W.  
 30. Heat, f. white cl. little Stars; H. cool wind. Small Pox rise.  
 31. Very high wind, clear p. m. cold 10 p. W.  
*June 1.* Mist, fair, dry. E. but W. vesp.  
 2. Fair a. m. strip'd cl. f. gentle rain 8 p. W.  
 3. Heat, mist, fair E. white p. W. pregnant clouds, wdy. W.  
 4. Fair, windy m. strip'd cl. f. offer at n. W.  
 5. Fair m. windy d. lowring and stormy wds 6 p. a. l. loud. W. SW.  
 6. Fair m. hard fr. cloudy o. f. drizzle. smart shower 6 p.  
 7. Bright m. clouding 8 m. cold n. W.  
 8. Close, some offer 1 p. open p. m. NW.  
 9. Cloudy, windy. NW.  
 10. Cold m. open p. m. some wd.  
 11. Cold m. fair. Nly. wind various.  
 12. Close, guffy.

1658. *July 5.* S 22.

25. *June.* Clouds ride contrary, clear m. p. SW.  
 66. Fair, blew mist, Thund. heard 6 p. NE.

27. Fair, blew mist, showing 7 p. SE.  
 28. Warm, drop a. m. shows o. clear. N W. Sun *occ.* bluish East.  
 30. Misty cl. hot, Thund. 10 m. dr. winds, blushing cl. Sun *occ.* SW.  
 1 *Jul.* Cool and high wind *die tot.* little shower 9 m. shower 1 p. SW.  
 2. Shower o. gentle gales, Ground-mist. SW.  
 3. Close m. cold day. SW.  
 4. Very hot, fair. SW.  
 5. Fair, hot, shower 6 p. Heavens red. N.  
 6. Fog *ante* Sun *ort.* fair, H. wind. W.  
 7. Open, dry, cool. W.  
 8. Mist 5 m. H. wind and cool, hempen cl. red cl. Sun *occ.*  
 9. VVindy, rainy 9 m. open. S VV.

1670. *July 9.* S 26.

- June 29.* Gusts of w. close m. p. f. drizzle, Nly. close at n.  
 30. Open, pregnant clouds, cloudy at n. Nly.  
*July 1.* Warm, open, close at n. Nly.  
 2. Warm, close m. p. close at night. Nly.  
 3. Warmer, showing 10 m. and coasting 2 p. f. wind. Nly.  
 4. Fog m. fair, warm. N E.  
 5. Hot, fair, some mist at n. Ely.  
 6. Hot, f. lowring o. dry, audible gales 8 p. Meteors. NE.  
 7. Hot d. windy, calm p. m. Nly.  
 9. Cool wind. Sly. mist at n.  
 9. Fog till 8 m. hot. Fog at n. W.  
 10. Glas sinks, bright, hot, some Gales. Sly.  
 11. Hot n. open, fog 7 m. foultry air. Wly. red clouds in N E. and South.  
 12. Showing 3 p. and missing before. W.  
 13. Writing 5 m. showing p. m. Meteor at 3 \* in W. puffs of wd.

1682. *July 15.* S 2.

- July 4.* H. wd, some rain, welcome Harvest d. the rest. NW.  
 5. f. gusts, somer. suspic. open p. m. hempen cl. at n. Wly.  
 6. Mist.

6. Misty m. hempen cl curious harvest, Lightning 10 p in the West, terrible in M.C. hot n.
7. L. Thunder and Rain ante 3 m. f. gusts, shower circ. o drisle in SW. 8 p. W.
8. Angry clouds in m. places but scarce any wet. W. E.
9. Great fog, early; clouds contrary 9 m. dry p. m. W.
10. Great fog, some shower ante 4 p. hot even. W. S.
11. Misty, shower early & rise; close, yet hot. S.
12. Fair, hot, overc. *vesp* S.
13. Fair, white cl. foultry p. m.
14. Fog, fair, foultry, brisk wind. NE.
15. Hot n. Thunder and some rain ante 3 m. circa & occ. brisk cool wind. W.
16. Cloudy a. m. and wind, shower o. & 1 p. winds brisker p. m. Heaven overcast at n. Except 4 yards space fr. W. to NE.
17. f. rain 9 m. 10 m. 2 p. 5 p. 6 p. 11 p. wind brisk, S W.
18. H. wind and shower 7 m. drop 8 m. 1 p. very cool and temperate.
6. Harm done in Surrey.
11. *Anish. Dreadful Hurricane* turned a Rock and several Villages *Topside* *Wry.* *Loyal Mercury*, N. 16.
1659. Aug. 7. S. 23.
- July 28. Coasting shower. XII. Meteors. NW.
29. Cool wind, shower 2 p. Meteors. NW.
30. Warm, some rain 1 p. NW.
31. R. ante 1. ad o. temp estu-ous *vesp*. S W. S E.
- Aug. 1. Tempest of wind *nois.* wetting a. m. N W.
2. Frost, windy, fair. N W.
3. Frost m. set to R. 1 p. S W.
4. Frost. windy, warm, Meteors at n. S VV.
5. H. wind, some rain 5 p. Tempestuous wd at night. S VV.
6. Blustering and some rain 2. l. clearing p. m.
7. Fair, drizzling, showers o. & 5 p. windy; wetting *vesp*. S VV.
8. Fr. R. o and in f. places 5 p. clear m. p. hot.
9. Fair, blew mist, wetting 9 p.
10. Much wet a. l. S E.
1671. Aug. 11. S. 28.
2. Cloudy, cool, gentle wds
3. Flying clouds, yet fair.
4. cloudy, hot air.
5. Very windy, rainy.
6. Cloudy, windy, threatn. R.
7. Rainy, cloudy, windy
8. Warm, misty, floating cl.
- R. 10 m. & p. m. drops 6 p. R. seriously 9 p. 10 p. S W.
9. Coasting shower o. and wd. Thunder shower 3 p. shower 5 p. 7 p.
10. Coasting sh. 11 m. 3 p. S VV.
11. 3 p. overcast 8 m. R. o. 5 p. 7 p. Gusts of wind, sad Harvest. S VV.
12. High wind a. l. and much R. Tempest circa merid. with R. Dash 5 p. great rain 9 p.
13. Shower 1 p. fair the rest.
14. Fr. fair, fog m. hot p. m. Clouds in stories o. dry, warm n. 19 Wiy.
1660. Sept. 6. M. 24.
- Aug. 27. Very hot and fair.
28. Dry, cooler.
29. Fr. m. fair.
30. Frost m. fair.
31. Fr. m. fair.
- Sept. 1. Fair, R. at n.
2. Fair, fr. at n.
3. Fair, very cold.
4. Sultry, drisle, rain.
5. Drisle, hot, fair p. m.
6. Frosty m. fine d.
7. Dry.
- 8, 9. Fair.
10. Hot, f. drisle, showers. 16
1672. Sept. 10. M. 28.
1. H. wind, open, f. rain 2 p. dash 6 p. at London. VVly.
2. H. wind, fair m. p. coasting sh. at North, lowering at London 3 p. S VV.
3. Suspicious a. l. and a. m. very cold. Aches. VVly. S VV.
4. Cold m. fair, overc. o. shower 2 p. 6 p. Wly.
5. Cold m. flying clds. drisle and wetting o. 2 p. rough wind. S VV.
6. Drisle, wetting 2 p. very warm n. S VV.
7. Close, very high wind o. R. 3 p. 6 p. S VV.
8. Sh. 2 p. wd and R. 4 p. S W.
9. Bright m. m. p. shower in prospect, coasting 2 p. S W.
10. Fr. bright m. suspicious.
11. Dark and wet a. m. open Rain 4 p. Sly.
- Sly. Meteor near *Wsa minor*.
12. Frost m. bright, clouds in stories. VVly.
13. Shower 2 p. 5 p. S VV.
14. Mist cold m. bright fair d. overc. m. p. p. m. f. coasting drops. S VV.

§ 19. From this Diary it appears that *Jove*, notwithstanding some Cold here and there peeping, is a down-right warm Star in Summer, yea and in Winter, so far, that according to his Description in *Maginus*, especially at Platic Distance; to name no more, he rebates and remits the Cold of the Season, and that according to his Nature. This you may discern by casting your Eye upon Dec. A° 1663. 1675. with Jan. 1653. 1676. Feb. 1654. 1678. &c. comparing the Warm Air with the Cold, the Wet with the Dry, &c. This true, Jan. 1665, is an exception, but beside, the Evidence already offer'd, the Reader may discern in some of the Months above-said, a just Summer Air express in Jan. and Febr.

§ 20. *Mari* hath the name for a violent Planet, but I do not find that it is always free from violence in any Month in the year, especially in the &, as *Osob*, 7, 8. A° 1667. Nov. 5, 7. A° 1656. Nov. 12, 13, 14, 15. 1668.

P p p p

Dec.

Dec. 13. 1657. Jan. 21, 22. 1659. Jan. 16, 17. 22. 1671. Feb. 9, 21. 22, 23, 24. 1660. March 10, 13, 15, 16, 17, 18, 20, 21, 24, 26. 1661. March 17, 22, 24, 25, 29, 30, 31. 1678. Dec. 25. 1681. March 4. 1684. Not only for Wind and Wet, but as we said from *Pliny* and the Antients, Hail, Lightning, Thunder; Winter-Thunder, in some special Signs, which Signs by the Virtue of some juggling words, and the Powder of an *Opposition*, make such Coruscations and Tempest in the Air, in Nov. Dec. &c. A Diametral Ray metes the Circle of the Heavens, and unites Cardinal Points, brings *Midsummer* at *Christmas*, and makes *January* taste of the *Persepe*, and *February* of the *Lyon*. In our Diary for the  $\delta$  you may see the like violence, if not in Winter: See I say there, and believe me in the other:

§ 21. And here I believe it will appear, that *Jove's* Lightning is also more minacious, doth more terrible Execution than usual, not out of the strange Pyrotechny of the Planets Constitution, but, (as in case of  $\delta$  and  $\gamma$  Stationary) from the Excess or Disproportion of the Emanation, which makes the *Scale* fly up beyond all comparison.

§ 22. So much in the 1. place for the Warmth, now we have leave to speak to the Frigid Planet. Yes surely, if he inclines to the North-Wind, if he inclines to fair Weather, if he inclines to Fog, if to Dryth, and abating of Moisture, a Mistle, a coasting Showr, if he brings as many Frosts as  $h$ , he must be allowed amongst those who justly admit of more Frigid Stars than one. Now that he furthers as many Frosts, must be evidenced by comparing him with  $h$ , in hard times, and Winter Seasons, which will be done in due place; and some of these Products are apparent from the Table, viz. that of Fog and contracted Moisture, yea some Frost too, and Cold Winds are found far and near. For the Sums lye thus, Mist yields 55. Fog 49. in toto 114. Frost 86. Not to say that  $\phi$   $\square$   $\triangle$  are all consonant, true to these Stiles notably and frequently.

§ 23. But now—after all Curiosity and minute Search possible, I find at last that All this is, I may say, even Accidental to our Planet, i.e. falling out in case of some *Desertion*; *Hiatus*, *Co-arctation* of *Him*, or the *Rest*, or *Both* to a narrower limit. True it is, that it doth Rain in one place and not in another; that a Showr coasts the Country, and singles out, as we said, the Ground in which it will shed its Influence, but then  $\psi$ , for instance, a Star Potent enough at *Liberty*, when *restrained* or *forlaken*, can do no more, than he can do, can reach no further than a Topical Showr. The Planets bode a Showr many times, when they give warning also, that it shall be Topical, confined to a Parish, to an Hundred, to a Wapentale, yea to one side of an House, and not another: On the same account we make the World believe we can tell when a Meteor will Flare, and describe an Arch like a Flaming Arrow in the Air, and when it will strike out of a sudden, as an Arrow, when near the Ground upon Sight, *fixet*; the same is our reason for Hail, we see some Watry Meteors will be produced, and yet we see not vigour enough to secure their freezing.

§ 24. When I thus argued therefore, *Jove* produceth Fog, but Fog is a Dew with some degree of Congelation, to make it visible, *ergo*, *Jove* is Cold. I consider the Dew and the Congelation are 2 things, the one may proceed from the Stars, and the other from the Nitrous Atome, which is ready to break in, (being kept out by main Force) on all occasions, where the Planetary Watch doth not disturb it, as in all Warm Weather it doth; the Planets do not emit this Atome, but at present they are not in the Capacity to Expatiate and hinder its Intrusion.

§ 25. For, have we not made out how all  $\delta$ s do tend to Cold? And doth This not hold in  $\psi$ , which holds in others,  $\delta$  it self? And is not there



there the same reason in the  $\phi$  as in  $\delta$ ; for when in  $\phi$  they are confined to a *Diameter* Line, they may warm one the other, but they cool the Air and  $\mu$ ; then how much more may the rest of the Aspects contribute to a Comparative Cold? Is there never a Lunar  $\square$  or  $\triangle$  will contribute to Snow? Verily  $\mu$  is commonly more Warmer; and Violent at distance; than neer the Partile; when  $h$ , we observed, was cooler at distance, as you may remember: A Sign that  $h$  is more frigid than  $\mu$ ; by reason of his greater remove, which  $\mu$  cannot pretend to. But neither is  $h$  it self cool upon any other consideration, than his *Remove*, and want of Consent of the rest: nor doth he affect us with any sensible Frigidity; but in case of non-assistance of his Fellows, as may easily be proved: So then  $\mu$  is a Frigid Planet, much after the same manner as  $h$  is, which the Antients; it may be, should have observed; whencesoever it falls out; they did not give us such Aim: perhaps they considered the Partile Aspect only, the *Triduum*, or thereabouts, and so defin'd him a Temper suiting him to his Position between the two Planets, where the one was most Remote; the other next to the Fountain of Heat. Here it may be objected, that this is to make  $\delta$  as cold as  $\mu$ , and so put no difference in case of Desertion or Destitution, and so *All* is lost. I answer, where is  $\delta$  in Cold Weather? Where are all the Planets in Frost and Icy Constitutions? *Mars*, *Venus*, *Mercury*, are they a-sleep? or a cold? as we say. Where is Sun it self, when the Snow melts not under his Gleam. We know that the Planets simply consider'd may come short of such an Effect in this and that Clime; but we speak of *Aspects*, *Synods*, and *Schematisms*, for advantage of Influence Cælestial, and observe, that even they want their Vigour when they want their Friends about them, *Martial* Aspect not excepted. Yet still the difference is preserved of Planetary Influence, as Astrology teacheth, in that a *Martial* Configuration happens to be more rarely so deserted, as to go away without Testimony: a manifest Argument of the true settlement of the Planet's Natures, as every one who will take the pains to confute *Pretenders*, shall find. One Difficulty I have not started, and that is this, supposing the Truth of the Premises, how *Jove*, though more remote than *Mars*, should not be as warm, or warmer than he, because of his Greater apparent Diameter, and if he be either Equal or Superiour in Warmth, how he can represent more cold Weather than  $\delta$ ? The answer I confess I must ponder upon it, for it is a new raised *Quære*, and must be bid to come another time; in the mean while 'tis apparent that I oblige my self to dissemble no difficulty.

§ 26. Here I take notice of that of the Antients, how our Planet is the Parent of *North-Winds*, which in our Diary we find not: If I find Fog, I find the *East-Wind*, and if I find Wet, I find the *West*, or *South-Wind*. The Diary, though not exact, brings enough to shew where the Presumption lies. In a Mist, 'tis I confess, commonly *East*: in a Dry or fair Season, *North*; but the greatest Inclination; (be it fair or foul) is for the *South*. For the Quota for S. and S W. is 112. the *East* gave 36. *North* 43. *West* 62. *South* 35. There the *South* carries it. *South* 13. *S W.* 16. *S E.* 6. *North* 8. *N W.* 4. *N E.* 3. *W.* 11. *East* 8. We shall see further, but I fear *North-Wind* seldom appears but where there is an Interruption of Vacant Sign in the order of the Planets. The like I say for Serenity, and so in truth Serenity belongs not to any Aspect Primarily of a  $\delta$ , or  $\phi$ , I mean, but to absence of some Party concerned in the contrary. This is a Novel Assertion, and no small Paradox, to dare to question that *Jove* is a Parent (*per se*, I mean) of the *North-Wind*, or fair Weather; though  $\mu$  &  $\phi$  are better disposed to Serenity than any other Pair; yet the Rule which I advance being so general, will take place rather, when we shall find

find both Wind and Weather abroad in the Air, where neither *Jove* nor his Aspects can put in.

§ 27. It will be said, is it then only so, that  $\mathfrak{u}$  is Cold upon the recess of Planets from such and such a Station? I answer, no otherwise, let us prove it by a little Induction from our own Tables precedent, on whose Evidence we build, *Sept. 29. A° 1661.* after a sad Rain and South-West Wind. We find a Cold Night, a Northerly Wind, and next day, *Sept. 30.* a cold Morning with Frost; the Sun hath applyed nearer to *Jove grad. 1.* but the Moon hath made a wider Hyatus, and approached the Opposition of *Saturn*, There's our first Singular. The next Instance is large, *A° 1673.* where Five or Six days are concerned, *Oct. 2. ad 5.* again, *Oct. 7, 8, 9.* This Frost we must know began on *Sept. 30.* and there the Frost seems, to owe it self to the Application to *Jupiter* for that day, but the grand Reason which holds for all those days concerned, is the crowding of 5 of the Planets into one Sign, and the Dis-ingagement of the Moon from their Company: the other consideration, I say, of approach to  $\mathfrak{u}$ , held but for its Day, and no more. Take a Third Instance, *A° 1662. Nov. 1.* There we meet with Frosty Morning; the Cause is not only the contracted space between  $\odot$  and  $\mathfrak{u}$ , though That helps, but the crowding of 3 together in so little a space. Take one more in *Dec. 6, 7, 8. A° 1663.* where we find Frost and Snow. We find also 4 Planets in a Sign,  $\mathfrak{h} \mathfrak{u} \mathfrak{z} \mathfrak{v}$  crowding tog ether within two degrees one of the other, and the Moon Stragling on her way, not only parted from the Company, but forgotten them too; only when it lights on the Common  $\phi$  to all IV. it made the Snow also.

§ 28. But doth the case stand thus with *Saturn* also? Even the same, allowing for his distance: Recur, if you please, to the Table of *Sol* and *Saturn*, and the First frost there mentioned, *Sept. 19. A° 1657.* holds 4 Mornings together: I boldly say, 'tis not the Conjunction of *Sol* and *Saturn* alone produceth that Frost, but Primarily and Fundamentally the near approach of 4 Planets into one Sign, as before. 2. The Propinquity of our Conjunction. 3. The Dis-ingagement of *Jove* from the four, and the Lunar Application to *Jove* so dis-ingaged, and with some other Considerables, &c. And though this may be only lucky, that the First Instance should fall right, take a 2d. *Octob. 3. & 9, 10, 11. A° 1658;* the Frost of the 3d. day happeneth not only from the Indistance of *Sol* and *Saturn*, but also from the Dis-ingagement of the Moon from the 3 Planets in *Libra*, and possessing less space than it did before. We could add the approaches of *Mars* to *Sol* and *Saturn*, which must be no wonder to any that believes what we have endeavour'd to make out, and is consonant to this great Principle, that all Conjunctions as Such, not nakedly consider'd, for their parts favour cool Air. Yea, but an  $\phi \odot \mathfrak{u}$ , saith the Objection, creates a Frost, whatever the  $\phi$  doth; and this is the difference between an Aspect of *Sol* and  $\phi$ , *Sol* and  $\mathfrak{u}$ , the former is capable of a Frost, the other loves it, witness *Nov. 1656. 1657. 1668. and Dec. 1669.* more notably. Thus when time was, I argued with my self: I answer, the *Jovial* Opposition is cooler than the Conjunction, and that according to Premises, and the same Opposition again is a greater Cooler than that of *Sol* and  $\phi$ , from the different distance of their Orbs, and what more; but I fear we shall find, that this kindness the Aspect may have for a Cold State of Air, still supposes some Prior Fundamental Position of Heaven, which declares for that cool State: but if the Planets run in a huddle into a narrow confine, it is manifest there must be Conjunctions *in Fieri*. In like manner, as at such time, if the other Hemisphere be occupied by any Planet, there must be  $\phi$  in either case; so it is not one single Aspect thereby creates a Frost, but the Alteration of a Major Part, some whereof meet, others fly off, so, like

like unhappy Commanders in an Army, they consent not with the whole, to keep out the Enemy, by maintaining their Posts and Passes at such proportion of Distance, that they communicate one with the other, the Cold Constitution, like the Enemy, will come in at a Gap, unless there be some to dispute it with him. We shall not trouble the Reader with a Diary for the  $\phi$ , for I reckon that discourse is so plain, it carryeth its Manifesto with it. All this while we make not Cold a meer Privation, but Positive being, not as pure Darknes, but as a Mist, &c. which will be sure to inroach where a sufficient Heat doth not dispel it.

§ 29. All this consists with my Fancy, that a Lucid Warm Body, which cannot master a Cold Constitution, may add some *adventitious* Strength to it, as we have often said, and attempted to illustrate by experiments; see § 14. when a *Jove* may be concerned, for though he carry Lightning in his Face, yet he is a Tame, Cold *Glow-worm* in his Retirements, as to our inferior Regions; neither must we Imagine his Erradiation to be Idle. He may tickle the Cold Atome below, and help to Inflame upwards. So have we seen Comets appear in Frosty Winters.

§ 30. I wont stretch too far, and say that our Planet upon this account may agitate the Cold Atome more than *Saturn*, because of its nearer Situation, and as to sight, a greater Diameter: what difference then may be in Frosts, I smell not; some are pure, and have a suitable Pertinacy; others may be extreme for the while, and all of a sudden change the Scene into Storm and Tempest of Lightning, &c. Where I reckon, beside others, the Planet which had a share in the one, was concerned in the other, Strongly assisted at *One* time; a Natural State of Destitution in the *Other*. There is a Natural, and there is a Mongrel Frost. The like I may say of  $\eta$ .

§ 31. Whether *Jove* may have some Reluctancy to Moisture, I must needs say, I believe it, though I see for the most part this happeneth not but under a State of Destitution too, so it may be *Impotence*, which we call *Resistance*: but when I meet with sparing Moisture, with few Drops, a Mist, a Drizzle, a Showr in Prospect, when the rest of the Heaven is Serene, a striped Cloud, an overcast Heaven that Frowns, but weeps not, a Mist, a Fog, and the like, a Drought as in the Diary, attending the Aspect Jovial: I ken not what to say, but that he is a Slug as to Moisture, and must be roused and wakened; I fancy many times. For when he causeth a Fog, or a lowring Heaven, if *Mars*, say I, were in is place, he would produce a just Moisture, a Point elsewhere to be proved.

§ 32. Thus have I observed and meditated: the Reader perceives some difficulty depending, I cast about, what I could to discover the Temper of the Planet, after all I was aware the best way was to draw up my Diary different from the rest, comprising, *viz. gr. 7.* before the Partile Congress, and *gr. 3.* after; reckoning that a Planet is of Warmer Effect after the Congress, than before, because according to our Principle, the cold Constitution observes the Planets in their contradicted Order, which contraction encreaseth upon the gradual approach to the Collegue; but after the punctual Congress, the enlargement increaseth by how much a greater Arch of Zodiac is entred upon. And so much for  $\delta \odot 4$ .



CHAP. XIII. of  $\mathcal{U}$  &.

## Conjunction of Jupiter and Mercury.

§ 1. The Aspect of  $\mathcal{U}$  and  $\mathcal{V}$  cry'd up for Winds, as if absolutely depending thereon, Cardan, &c. 2. But Columbus, Eichstad, and Verulam; yea, and Old Giafar himself are restrictive and wary. 3. Platick distance, Congress of many Planets in one Sign, with some & affecting that Congress, or some other Planet, &c. must be considered as to Winds. 4, 5. The Square Aspect agrees, more Requisites are produced. 6. New Method of Diary for this Aspect, if thereby we may discern its Nature more conveniently. 7. The Festival Part with this Aspect brings more Wet than Hyemal. 8. The Diary. 9. Jup. procures Blite. A List of some Bliting Wind. 10. Some Bold intruding Fog after a Serene Morn. Text. 11. Observations about the Square.  $\mathcal{U}$  in the Centre of a Halo. Text. 12. Observ. about the Sextile. A Green Halo.

§ 1. PROportionable to this Aspect of  $\mathcal{U}$   $\odot$  is the Configuration of  $\mathcal{U}$  & ; reckoning the difference of Motion,  $\mathcal{V}$  in Direct Course moving faster than  $\odot$ , cry'd up for Wind. Hear Maginus, *Magna ut dicant Astrologi Portarum Apertio, ad Ventos*, and more we could quote that are quick and confident in the Point; and What comes of it? Every body fees the Fault to this day of Professors, when they judge a Constitution by one Symptom.

§ 2. So did Cardan long ago ascribe the Blustering Stormy Winds; when for their violence they could not pass the Streets to our one Aspect, *A° 1552. In Ptol. Lib. II. § 42.* but even Old Giafar was wiser, for when he had said that  $\mathcal{V}$  with  $\odot$  and  $\mathcal{S}$  were raisers of Wind, and that he who will prognosticate a Wind, must attend  $\mathcal{V}$ ; he adds, because the  $\mathcal{D}$  when after the Solar Congress, she applies to  $\mathcal{V}$ , and so joyns with him *Sub eodem nexu & in contraria mansione, ventorum nunciat discursus*. He teacheth not his Scholar to predict upon the bare Aspect, but so and so. And again, *Mercurius Jovi applicans aut Veneri in mansione ventos figurante, ventos producit propisios*. If there be more required to a Prediction, then more is required to a Definition, the Ground of the Prediction. Commend me to Columbus, whose Skill in Astrology look'd after Complicate Causes, as Purchas tells us, *Lib. 1. Cap. 1. Text. 5.* where being arrived in America he would not put to Sea, because he found an Opposition of  $\mathcal{U}$  and  $\odot$ ,  $\mathcal{D}$  and  $\mathcal{V}$ . 'Twas not a single Aspect neither of  $\odot$  near  $\mathcal{V}$ , nor  $\mathcal{D}$ , but all together. Eichstad is as cautelous; who mentions the New or Full  $\mathcal{D}$ , coincidence to make things hold together, one way or other. The Great Verulam in his History of Winds gave a hearing to this Aspect, though he was very wary and sparing of making it an Aphorism; no question because he saw it uncertain, and not to be trusted. The best Philosophers are most wary.

§ 3. We'll allow the Ancient Astrologers that  $\mathcal{U}$  and  $\mathcal{V}$ , when Aspected, have natural aptitude to Winds; but our Business is to speak to the *As*, when they are in Conjunction Platick, when there are two or three in the same Sign, with  $\mathcal{U}$  in  $\vee$  or  $\mathcal{S}$ ,  $\mathcal{S}$ ,  $\mathcal{D}$ ,  $\mathcal{M}$ , for so I find the *S*, Dec. 22. *A° 52.*  $\odot$   $\mathcal{U}$  & in  $\mathcal{V}$ , and the latter three degrees distant from  $\mathcal{U}$ . Again, Febr. 25. *A° 54.*  $\odot$   $\mathcal{U}$  & in  $\mathcal{X}$ ,  $\mathcal{V}$  three degrees distant on both days, a Lunar Opposition of some distinct Planet. So, March 7. *A°*

55. ♀ ♀ ♀ in ♈, and May 12.  $\text{A}^\circ$  56. IV. in ♈, ♀ *grad.* 2. distant from ♀. June 15. IV. in ♈. July 23. ☉ ☉ ♀ ♀ in ♈, ♀ in ♈ opposes them all. As for Cardan's Storm, beside our Aspect, there are IV. in ♈, and *Jove* knows what more.

§ 4. But it may be it holds in the Square Aspect; we must say it holds, but with such limitations of a Platick Aspect, and opposite Sign or Aspect, or Signs Cardinal, but above all the Position of Planets in a continued Order, in Four or Five Sign. So  $\text{A}^\circ$  1656. *Aug.* 27. & 29. it bluster'd, but when the Intermediate day, the day of the Aspect was calm, tell me the reason, some Astrologer, for no body else can do it.

§ 5. Therefore to crack of Astrological Verity absolutely, is not so well, without, or contrary, to Experience, Astrological Verity sometimes consists of, as *Matthiolus's* great Antidote, a 100 Ingredients.  $\text{A}^\circ$  1662. *Feb.* 3. a Square of ♀ and ♀ the Second day was windy, the first, a Stormy Wind doing much harm, besides the distance Platick, there's a Square of ☉ and ♀ in Cardinal Signs.  $\text{A}^\circ$  64. *April* 16. there haps the Aspect. *Die* 15. there was Wind, ♀ who was configur'd with ♀, had Two Planets joyned with him in the same Sign. Likewise *Nov.* 10. High Wind appeared *die* 9, 11. here the Astrologer will tell you the reason why on these days, and not on the middle. *Die* 10. ♀ the affected Planet, had Companions with him in the same Sign (or in the Opposition) all the three days, but an Opposition (sometimes required) is more visible on the 9. and 11. than on the 10.

§ 6. Now for the Winds *cum Siccitate*, which they speak of, I willingly hearken to them, having always had that Notion of ♀ for Dry, before I met such favourable expressions of the Artist to that Notion; but I fear, upon enquiry it will be found that this haps mostly when there wants Assistance, *Extensio* or *Intensio*, our Diary, you will see, favours it; but, as you may note, the Diary's drawn contracted into a narrower Compass than usual, (partly to avoid seeming Prolixity, but especially) to discover the Nature of the Aspect singly, and by its self, referring Those Aspects which fall in with ♀ and ☉, or with ♀ and ♀ to their proper Heads.

§ 7. But this seems to hold more in the Hyemal part than the Æstival; where not many days about the Partile Aspect bring any moisture, yea and the whole Sum shall frequently yield but a malignant Moisture; for where it proves otherwise, to be sure, there is some juncture of Aspects more than requisite, as in the year 74. (where to our Conjunction of ♀ and ♀, there is a forked Opposition of ☉, with a Tooth for each, making III. Aspects in Astrologic account) is more than evident; notwithstanding which I could not refer it elsewhere, as I do with our Aspects at present, which were coincident with ♀ ☉ ♀, for then I should refer away all the Diary presently. So hard a thing is it to give an Aspect its true Definition, because It is seldom or never found Distinct and Separate from those that pretend to Influence, as much as they.

§ 8. Yea, but why the *Summer* part moister than the *Hyemal*? To this I answer, the Æstival Part may find some other Assistances, or Vigorous Positions, besides Co-incidences of ☉, which are on purpose excluded, or rather, because the Æstival Part of Heaven does more invigorate those Planets which attend the ☉, not only by their higher *Exaltation* or Approches to *Verticity*, but also by the greater Glories, and thicker Number of the Fixed that take up their Stations in the Æstival Hemisphere, rather than in the Hyemal, which is in part confirmed from hence, that the same Excess of Wet holds also in the Precedent Aspect of ☉ and ♀, (even though the proper Diary was not drawn up after this, but the usual manner :) On the same account as *July* and *August*, you may know, are

naturally *hot*, and *dry* Months, by virtue of those Fixed that are found in ♈ and ♎. Notwithstanding these said Signs of ♈ or ♎ (as in case of our Aspect, which happens every 12 years, or thereabouts) if they happened to be overcharged, by the meeting of several, even *Dry* Planets, those Harvest Months yield *Rain*, and *Storms* instead of a dry *Pumice*-Constitution.

## Diary. Hyemal Part.

1661. Oct. 9. 24.

1662. Octob. 17. 20.

12. Close, drizzling 5 p. some wetting 7 m. N E.
13. Fog, close, warm. S.W.
14. Close, drizzling m. open p. m. warm. S.W.
15. Close, f. drizzle o. & p. m.
16. Open, very warm.
17. Bright day, fog m. warm, mist n. bright.
18. (Overcast 2 m. Belman) close, foggy die tot.

1663. Dec. 23. 29.

18. R. b. d. overc. o. R. m. p. p. m.
- 19, 20. Close days, f. moistening, fog. N E.
21. Close m. a little open p. m. coldish. Ely.
22. Close die tot. muddy m. cold. N E.
23. Close die tot. muddy, cold. Nly.
24. Some Sun m. clear; great Fog as ever was known. Sly.

1652. Dec. 20. 21.

15. Clear, f. wd, star appears freez. S.W.
16. Cloudy somet. some wet, Comet, freez. N E.
17. Clear, f. w. cly at n. freez. f. w. N E.
18. f. clouds, wdy, not so wdy at n. N E.
19. Cloudy, clearing, f. wd. N E.
20. Clear, f. w. cloudy and misty at n. freezing a little. N E.
21. Misty, misting, clearing, thaw, f. cl f. wind at n. S.

1665. Jan. 1. 27.

27. Dec. Mist, fog, f. wet 3 m. S.
28. Close m. cool, drizzling. 5 p. Nly.

29. Offering to snow 10 m. very cold p. m. snowing 6 p. N E.

30. Very hard frost, offering to snow a. m. & 2 p. NW.

31. Very hard frost, f. clouds lowr o. f. overc. 10 p. freez. S.W.

1 Jan. Freez m. open and warm, wd up, Comet seen. NW.

2. Frosty, windy soft. 1st. Comet seen clear. N E.

1666. March 11. 11.

6. Mist, warm, white clouds, clear n. dry. W.
7. Mist m. coldish, f. clouds. Wly.
8. Rainy 7 m. Sun shine 9 m.
9. Fine clear m. brisk wind, clear o. hoar frost, very cold. Wly.
10. Hard fr. clear m. and fair. Nly.
11. Mist, fair, clouds in Storries, close m. p. Ely.
12. Frost, ice, mist, close m. p. E.

1654. Feb. 27. 4.

22. Windy, cloudy, f. Sun n. cldy m. p. freez. NW.
23. f. clds, f. rain some places. N.
24. Cloudy, dropp. f. wind, Rainy, w. clear. N.
25. Very high wind, rain and hail, stormy. N.
26. Fr. f. clouds, f. wind n. clear m. p. f. freez. N E.
27. Cloudy still m. p. white frost. W.
28. ut 3.

1655. March 8. 3.

V. in ♄.

1657. March 19. 10.

V. in ☿.

1674. Oct. 30. 26.

24. Rain 6 m. 2 m. m. p. & die tot. Aches, rain m. p. n. and blustering. S E.

25. Rain 7 m. misty, drizzle 1 p. Rain and winds 3 p. Lightning S E. 9 p. Meteors by North, frosty. N.

26. Bright m. sudden overc. and showr 10 m. fo 1 p. S.W.

27. Rain a midn. m. p. rain 7 m. wind and rain 4 p. furious tempest, and flying clouds. Aches. S.W.

28. Bright and windy. S.W.

29. Frost, bright m. windy; Aches. S.W.

30. Wet die tot. and wind H. at n. Aches. S E.

31. Frost, fair, Aches 8 p. Wly.

1675. Nov. 15. 24.

6. Terrible frost, ice in the Channels of the City.
7. Fog, frosty, fair, ice, bitter frost. Wly.
8. Fog, thaw p. m. NW.
9. Some mist, rain at 10 m. and o. Aches. S.W.
10. Close, warm, high wind, R. 4 p. 5 p. 8 p.
11. Drizzling m. p. very warm, f. wetting o. Wly.
12. Close, warm. Wly.
13. Close, warm, mist, some mist 10 p.
14. Frosty m. open.
15. Open, mist 7 p. Nly.
16. Fair m. p. cool, mist. Wly.

1676. vacat.

1677. Jan. 14. vide in ♄.

1678. Jan. 25. 4.

20. Great storm of wind and rain 3 m. stormy o. 2 p. great Halo noted 7 p.
21. Open rain p. m. open vesp. and mist. Nly.
22. Fair m. cloudy m. p. mist m. fo 6 p. NW.
23. Hoar frost, fair, foggy. N E.
24. Frost, rain o. snow offer p. m. & vesp. N E.
25. Fog, snow gone. Ely smart rain 7 m.
26. Fog, cold, misty. Ely.



A° 1679. April 2. V 18.

March 29. Great fog, clear above. Ely.

30. Great fog, clear above. Sly.

31. R. ba. 3 m. cloudy, cold m. warm p. m.

April 1. Rain considerable p. m. dark, shower. rain 11 m. & 6 p.

2. Very clear m. shower o. S.

3. Rain 11 m. & 2 p. m. SE.

### Part Festival.

A° 1656. May 13. S 17.

9. Fr. very cold, red wd. Ely.

10. Frost, fair, cool wd. Frogs croke. SE.

11. White clouds, flying low.

12. Some frost, fair m. red w. 2 or 3 drops. NE.

13. Rain 100 miles N. ward, frosty, cold wind. NE.

14. Fr. clear white streaks, Red blitting. NW. NE. Wind, blew mist.

A° 1668. May 25. S 24.

20. Close, coldish, offering m. Ely. Nly.

21. Coldish wd, open. SE. NE.

22. Wet die tot, and n. threatn. Flouds. NE.

23. Close, drifting m. p. wind at n. near Equinox. NE.

24. Winds, coldish, missing m. p. close n. Ely.

25. Warm, open, some lowering. N.

26. Cool m. with clouds, warm. Wly.

A° 1657. May 18. II 15.

15. Dry wd m. streak'd cl. N E.

16. Dry wd, lights, cloudy winds, f. gusts. N E.

17. Close m. a gentle shower, f. missing 9 m. blew mist. N N E.

18. Close, windy, cloudy, blew mist. NE.

A° 1669. May 31. II 22.

28. Temperate, shower o. 4 p. bright n. Nly.

29. f. overcast m. heat p. m. bright n. Sly.

30. Close, showing 6 p. Aches. Sly.

31. Temper. calm day.

A° 1658. June 4. Stationary.

1. Windy, cool. S W.

2. Much rain. S W.

3. Rain, Lightning. S W.

4. Much rain. S W.

5. Cloudy. S W.

A° 1670. Jun S

2. Cool wind, open, offer o. f. wetting Sun occ. &c.

Aches 11 p.

3. Open, offering, warm. Wly.

4. Soultury a. m. wd brisk, much Rain and Thunder a

4 p. ad Sun occ. then a gr.

storm of Lighen. n. S W.

5. Fair, windy. Wly.

6. Close and drifting.

7. Close m. p. and fair p. m. wdy

8. Close m. fair p. m. M. and

cool wind 11 p. Wly

9. Warm, open, f. bl. cl. f.

mist, soultury at n.

A° 1659. July 30. S 22.

26. Fair m. drifting shower, hot, gusts of wind. W.

27. Wet 2 m. and a. m. Wly.

28. Cloudy, a coasting shower. 12 Meteors. N W.

29. Cool wind, a shower 2 p. some Meteors. N W.

30. Clouds in stories, warm, f. rain 1 p. N W.

31. Rainy day break, at o. tempest, wind at even. SW.

S E.

A° 1671. Aug. 11. S 28.

V. in L.

A° 1660. Aug. 5. II 17.

30. Showring a. m. close, lowering 1 p dropping vesp.

NW.

31. Close m. stiff wind, misty, open, Meteor n. N W.

1, 2, 3. Cloudy morning p. drille.

4. Thunder and Lightning, Tempest in Kent, much R. n.

5. Drille m. fair p. after, and dry Lond.

6. Fair and cloudy Lond.

A° 1672. Aug. 16. II 20.

11. Shower in prospect 1 p. & 2 p. 3 p. Rain and many

Thunder-Claps, H. wd 2 p. S W.

12. Close m. p. and lowering, drille 9 p. S W.

13. Wet n. close a. m. H. wd, R. 6 p. S W.

14. Close, shower o. & wetting p. m. m. p. windy. S W.

15. White lowering clouds, shower 4 p. N W.

16. Fog, frost, close m. p. white frost m. Ely.

A° 1673. Oct. 21. M O.

16. Misty, cloudy. NE.

Lowering p. m. and some wetting 8 p. f. wetting a. l. S W.

17. Fair a. m. close p. m. showers 9 p. S W.

18. Tempestuous die tot. overcast noon, and rain 1 p.

19. Frost, fair, very misty.

20. Mist at n.

21. Hard frost, misty and close m. p. Aches.

22. Misty, Aches, rain 8 m. S W. NW.

A° 1680. April 8. S 17.

3. Rain ante Sun ort. mist, cldy H. wind, wetting a. m. & ante 4 p.

4. Rain, dark, H. wind m. little wetting circa 1. & 4 showing 7 p. NE.

5. Rain a. l. ad 8 m. NE. fog brisk wind, red Heaven, missing 7 p. 10 p. Ignis Fatuum at Waltham Abbey. SE.

Ely. NE.

6. Some mist, gentle wind, rain a 3. ad 4 m. fog, close. NW.

7. Dark fog, close, L and F seen hwa 8.

8. Brisk wind, dewing circa 8 m. rain ante o. with Hail, Rain 1 p.

9. Open, brisk wind, dewing 7 p. Rain 10 p. SW.

A° 1681. June 13. II 28.

10. Cold m. cloudy, open p. m. dry, f. wind.

11. Cold m. fair, few white clouds, wind variable.

12. Cloudy and suspicious, close, gusty. Sly.

13. Some drille 6 m. H. wind and close.

14. Very high wind, bright air, wd and wetting 10 p. welcome. N W.

1682. vide in L. S.

R r r r Summa

## Summa Dierum.

## Part Hyemal.

Days 72.

Wet 34.

Wind 22.

Frost and Cold 29.

## Part Æstival.

Days 68.

Wet 42.

Wind 25.

Frost and Cold 14.

As we were saying, there are more Wet days, and forer in the Æstival Part. We find 42. under 68. days here, and there, (in the Hyemal) we find but 34. under 72. we gave the reason as to  $\alpha$   $\pi$ , which holds in the  $\phi$  also, as to smart Rains in July and August; July and August abroad are the Hurricane Months.

§ 9. Blite is a Country Observation, taught me at first by the Husbandmen, often-times accompanied with a blew Tincture of the Air, or Red Wind, as they call it, bringing not small Prejudice to Vegetables, especially in the first blowing of Fruit, Corn, &c. It became my Diligence to mark it, for it concerns the Publick, which we all labour after; and I find it to belong especially to a Configuration of Jove with Mercury, with Sol, with Mars. May 12, 13, 14.  $\Delta^o$  1658. under the Conjunction with Mercury. July 19.  $\Delta^o$  1653. under the  $\phi$ , under the  $\square$ , Jan. 16.  $\Delta^o$  61. But as proper as it doth seem to a Dry Meteor, I found in quest, that not so much as Venus is excepted; yea, Jove alone strongly posited with some great Asterism Pleiades, Hyades, Caput cati. It happens under a North, or an East-Wind, or a South-East for the most part; for the Inquirers sake we'll give a List:

 $\Delta^o$  1652. June 5, 6, 7, 8.

June 15, 16, 16, 18.

July 3, 4.

 $\Delta^o$  1653. July 19. $\Delta^o$  1654. Aug. 1. $\Delta^o$  1655. Apr. 23. $\Delta^o$  1656. March 12, 18.

April 24, 25, 26.

May 7. 12, 13, 14.

June 13. 30.

July 1, 2.

5, 6, 7. 12.

Aug 2.

 $\Delta^o$  1657.

March 10. 22, 23.

May 14.

Some other Concurrents there are which concern the other Superiors who shew themselves at the same time. They who love a Garden, will attend them.

§ 10. For Fog, Octob. 18.  $\Delta^o$  62. Sept. 24.  $\Delta^o$  63. we meet with such as were unparallel'd, nay we find a Mist hovering over the Medium, not left as a Relique of Night, but rudely following after a clear Morn, making bold Intrusion under the countenance of this Aspect, Nov. 2.  $\Delta^o$  68. And This is the Conjunction: the like I observed, Feb. 25.  $\Delta^o$  75. with a pretty attendance of Roping thread Cobwebs, appropriate rather to the Months of Sept. and October.

§ 11. We have learned before that the \* is a considerable Aspect, it appears to be such in this Class, it brings Wind more than any of its fellow Aspects, and some strestes of Weather, as to Wind and Rain, and more particularly Hail, as may be seen by its Inventory, not here produced. Only we must not let pass the Green Halo noted in a Misty Frosty Night, ho. 9 p. Dec. 25.  $\Delta^o$  1655. It was Novel to me, nor have I met or heard of a Parallel; on which I mused, the rather, because considering that in the Natural Change of Colours, a Light Red fades into a Dark, That in-

to *Blew*, This into *Greenish*; I wondred that I never observed the next immediate Precedent Colour of a Nocturnal Vapor, *viz.* the *Blew*; nor do I expect it should be observed, when as a *Reddish* Tincture in an *Halo* is frequent: What the Propinquity of ♄ may do, or our concerned Planet ♃ in the same Sign, I know not; I am glad I find some whom I may take upon suspicion for the Cause; the Speculation is pleasant enough, and will deserve the Divertisement of the Learned. This I learn, that although the Colours of the Celestial Bow are reflected from a Rorid Cloud, yet we must not necessarily infer, there is any Rorant Vapor descending, whensoever these Colours are presented; for in dry Seasons the Solar Halo's are sometime tinged with red, and in the *Pavelia*, by all Faith of Story, several Florid Arches or Bows appear, which have not any Favour for the Instant Generation of Rain or Dew. Now of the *Sextiles*, the First indeed hath this peculiar Discrimination from the II. that 'tis observed to cause Rain at Night, I mean about ☉ set, or after, more often by half than the Latter.

§ 12. In the year 1678. when the First □ haps to hold out about, or above a Fortnight; in the Month of *June* we meet with Lightning thrice in that very term, *viz.* *Jun.* 22. 24. 29. and dry Thunder twice, *viz.* *June* 23. 29. and not only there, but in *Aug.* 52. and *Apr.* 69. under Quadrates 2d. Trajections in *Apr.* *May.* *Sept.* Blushing Tincture of the Heaven in the *East*, most part under □ 1. As *July* 8. A° 57. *Sept.* 27. A° 58. *May* 17. A° 78. yea *July* 20. A° 68. a Purple Border round the Horizon. Rainbows or Halo's one or two, though not found in the former Aspects, we scarce mention, except one *Halo* may be serviceable to us, *viz.* *Oct.* IV. A° 77. under the II. Square, seen at that Hour, when not only the ☽ was in the Centre, but our Planet ♃ within the Circumference: Where, if the ☽ decircinates the Circle, our Planet helps to supply the Vapid misty Consistence wherein it is seated. Before we leave these Quadrates, this is palpably evident, that the Second doth less Feats, by far, than the First.

#### CHAP. IV. ♄ ♃ ♄. Conjunction of Jove and Venus.

- § 1. ♃ ♄ is void'd to bring Fair Weather; Cardan's reason for it.  
 2. Serenity hath every man's good Word. 3. Fair Weather strictly, or at large. 4. A Serene Aspect seems to be dry. 5. And Cool; but that is hardly granted, for ♄'s sake. 6. Yet Astrology makes not ♃ ♄ as warm as ♃ ☉. 7. The Diary must solve that. 8. A Diary of more Aspects than one. 9. ♃ ♄ are slippery Aspects, profess a Calm, and meditate a Storm. 10. Proved from Kepler's Diary. 11. Our own Home-Diary produced. 12. The same issue in *Æstival*. 13. A *Hyemal* Part. 14. As much almost for Moisture as Serenity. 15. How ♃ ♄ get the name for Serenity. 16. How, or in what case their Serenity or Dryth is undoubted. 17. Ocular Demonstration from the *Hyemal* Part. 18. The same from the *Æstival*. 19. Rule to know Fair Weather under this Aspect. 20. Rule for Frosty Morning in the *Hyemal* Part. 21. Those Rules hold in ♃ ♄ also. 22. Resumption of the Violence of this Aspect, hitherto not taken notice of. 23. The Character. 24. Sudden Alteration proper to Jovial Aspects.

§ 1. THE Aspect of ♃ and ♄, say Astrologers, smiles in our Face, producing Serene Air; We shall not wanton it with Poetique Allusions,



lusions to those Feigned Deities, giving countenance to Heathenish Institutions, or the Discredit of our Principle: We will labour to avoid those Syrtes, *Major & Minor*. But we hearken to the voice of Experience, which unanimously cries out, *Serenitatem affert*, it cleareth up, and bringeth that Fair Constitution, which, 'tis pity, (saith the Proverb) should do any Harm. Cardan will give the Reason: *Jupiter non procedit nisi ad Serenitatem*, saith he, *eo quod in calore vix excedit temperamentum*. De VII. Planet. Lib. V. pag. 371. But Intricacies of Nature are not solved with every pretty Come-off; for then all Temperate Air should be Serene, and all Serene, Temperate: No mild Weather close; no, not in April or May; No fair Weather intemperately Cold, no, not in January and February.

§ 2. Serenity carries the Name, because of its Bright and Lovely Sky-Colour'd Coat, whence, though it is not so frequent as could be wish'd, yet it is more observed, and mentioned with more regard.

§ 3. But, what do they mean, Serenity mixt, or pure? Not the Pure and Bright Constitution, I fear, when a Man, even in the Northern Climates cannot discern a Cloud, or so much as a Lock of a Vapour through the whole Canopy: Nor the Glorious inviting Face of Heaven, where the Azure is inter-spread with Bright Clouds, repressing the Light from their Airy Surface. But Fair Weather in a large Sence as 'tis oppos'd to Dirty, when the Heaven may be, notwithstanding, tinged with Fog, or overcast with a Cloud adequate to the whole, when the Air may Lowr, and be Muddy at times, so it rain not; This, with Serenity strictly call'd, may be the Fair Weather which ♄ and ♀ have a share in, and are voic'd for such.

§ 4. On this account I reasoned with my self, as I have declared already, which here, upon this point started, may be remembred again, concerning the Planets Influence. If it be so that ♄ cause Fair Weather, must not ♄ be of a Dry Complexion rather than a Moist? Must not he be Dry, if he be Parent of Dry Weather? Dry, as well as Temperate; and so Cool as well as Dry.

§ 5. Verily, I look'd that the Astrologer should have profess'd that an Aspect of ♄ with ♀ should have favour'd Cold also, and that, by Force of Evidence from his Diary.

§ 6. This I will say for them, that they do not pretend that ♄ and ♀ do remit or abate the Cold of Winter, as ♄ with ☉, and ♂ with ♀ doth: And 'tis some wonder that ♄ and ♂, notwithstanding their allow'd abatement of Cold in Winter-time, should by confession (as we shall hear) bring Hail or Snow at peculiar times, and yet ♄ ♀ tend nothing thereto.

§ 7. This gives occasion to produce our Diary, to enquire there, and from thence if it may be, deduce the Truth of our Pretences to Cold, and to Serenity, or the contrary.

§ 8. For now, the Nature of our Enquiry being such, as in Reason abridgeth the Diary to fewer Degrees far, than hitherto hath been made use of; Greater Arches in the Heaven being concerned in a Storm, than in a Calm; In Hot Weather, then in Cold; We shall have the more Liberty to call in All, or most of the Aspects, not for any other reason, but to settle and confirm the Character of the Aspect either *Pro* or *Con*.

§ 9. To tell you before hand, what I have found by Experience before the Tables are introduced, when All comes to All, the Aspects of ♄ and ♀, though they favour Cold and Serenity in some measure, yet they are also Slippery Aspects, will Fawn and Frown: I do not speak of bringing Cold in Winter, and Heat in Summer-time, but they will bring you Cold and Heat, Calm and Storm, (not at one Instant, but) in the same Term, in one

one Senary of Days; and, as we have before owned, in  $\text{♄} \odot$ , is a violent Aspect, a kin to his Brethren.

§ 10. What Paradox do I broach now? Must we not all believe Experience? For who can dissemble Kepler's *Noctu per pluit* in 1622. *Pluit large*, 1623. with *Continua Pluvia* to boot. *Nix multa*, 1625. *Nix copiosa*, 1629. *Nix multa*, again, at the end of the same year, Dec. 8. This for Wet. For Wind the like bustle, *Ventus Impetuosus*, A° 1625. *Ventosum & Austro-zeph. Valid.* A° 1626. *Ventus Vehemens*, 1629. All Three Summer Months, and two of them Thunder. The  $\delta$  agreeing with the  $\delta$ . Snow 5 days together. A° 1623. Rain 2 days, A° 1634. Snow 2 days. A° 1625. Hail 2 days together, A° 1627. with Cataracts not long after. Rain 2 days together, A° 1628. The like, A° 1629. Lightning once, and Thunder twice, A° 1629. Horrid Thunders, 1627. And what do we call this? Is not this Violence? But this is not All. Lo! Somewhat more. Storms of Hail and Cold; and yet on the same day Horrid Thunder. There's our Paradox, our *Jove* and *Venus*. 'Tis ordinary, I profess I find it so; and no where else, unless in a *foveal* Aspect: And even in  $\text{♄}$  and  $\text{♀}$ . All this may be seen in *Keplers Diary* under  $\delta$  and  $\rho$ ,  $\text{♄} \text{♀}$ .

§ 11. But let us see our own Diary. Home is best, and first of the *Festival Part*.

### $\delta \text{♀}$ Diary.

#### *Festival Part.*

A° 1656. May 28.  $\odot$  21.

27. Bright m. clouds lowering  
8 m. wd, showr 9 p. some  
Lightning. N W.  
28. Fair m. wd, overc. 3 p.  
showr, rain hard. S W.  
29. Cool, windy, a showr Sun  
occ. black n.

A° 1667. May 18.  $\vee$  24.

17. Close, gentle rain a. m.  
per tot. mist, some wet p.  
m. wd, rain. 11 p. Ely.  
18. Close m. p. cold wind,  
open n. rain 2 p. 4 p. Thun-  
der clap. S E. Ely.  
19. Brisk cool wind, audible  
11 p.

A° 1658. June 13.  $\odot$  17.

12. Close m. wd, showrs, fo  
p. m. W. N W.  
13. H. wd, cool coasting showrs  
7 p. N W.  
14. Cool, misting p. m. wet-  
ting 10 p. W. N W.

A° 1669. June 9. II 24.

8. Fair, flying clouds, wind.  
Sly.  
9. H. wind, close, warm, some  
wetting 1 p. heavy air n.  
10. Sudden showrs p. m.  
warm.

A° 1671. June 23.  $\odot$  17.

22. Fog m. fair, hot, dry,  
foultry p. m. Nly.  
23. Mist m. fair, dry.  
24. Dry, opening, mist, clds,  
wd. Wly.  
25. Fair, windy p. m. clear n.  
S W. n. Wly.

A° 1682. June 19.  $\odot$  26.

18. Much lowering, f. wind.  
mist m. temperate.  
12. Warmer, f. wd. Wly.  
20. Cool and brisk wind m.  
drille circa 3 p. & 9 p.

A° 1660. July 9.  $\text{M}$  12.

7. Wind a little, showr 8 m.  
clear m. p. S W.  
8. Fair, windy, warm, overc.  
3 p. S W.  
9. Fog ante Sun or. dry, trou-  
bled air 3 p. W.  
10. Fair, cold, clouds ride  
contrary. N W. S E

A° 1659. August 31.  $\odot$  29.

30. Drifling, Rain, dark, f.  
said Th. S W.  
31. Wind; storms of rain.  
1 Sept. Rain, cool wind, coa-  
sting showrs, Meteors 2.  
flashes, dry. N W.  
2. Rain 3 m. dashes of wet p.  
m. & 9.

A° 1660. Iterum, Aug. 31.  $\text{M}$  22.

30. Fair, a hoar frost m.  
31. Fair, a hoar frost m.  
1 Sept. Fair, but rain n.

A° 1670. Aug. 27.  $\odot$  7.

25. Close m. p. *fac volans* 9  
p. a Meteor.  
26. Thick fog, hot n. fair p.  
m. a Meteor. W.  
27. Fog p. m. dry, bright n.  
Meteors, Lightning, some  
rain, colour'd Halo.  
28. Foggy m. foultry, br. d.  
Meteors at n. S W.

A° 1661. Sept. 10.  $\text{M}$  18.

8. Mist m. cloudy, suspic. d.  
rain awhile 8 p. N E.  
9. Cloudy, clear m. p. some  
clouds, hot day, a flash of  
Lightning. W.  
10. Smart showr, cloudy n.  
hot, rain 8. S W. Ely. S W.  
E. N E.  
11. Cloudy m. p. Sun shine  
hot vesp. cloudy, close  
Ely n.

A° 1672. Sept. 7.  $\text{M}$  27.

6. Drille, wetting 2 p. very  
warm n. S W.  
7. Close m. H. wind o. rain 3  
p. very warm wind. S W.  
8. Close m. open 9 m. coa-  
sting  
S f f f f

sting showers, wind, rain, clouds. S E.  
 9. Bright m. showr in prospect; coasting 2 p. S.W.  
 A° 1674. Sept. 20. 17.  
 19. Br. m. f. rain a. m. & p. m. fr. m.  
 20. Misty, cloudy, yet dry.  
 21. Pleasant a. m. cloudy m. p.  
 22. Some drizzle 10 m. Rain 5 p.

## Part Hyemal.

A° 1662. Nov. 26. m 29.  
 24. Rain hard 6 m. N E.  
 25. Fog, frosty, clear n. N E.  
 26. Fog, frosty, clear n.  
 27. Fog, frosty, some snow a. l. S W.

A° 1673. Nov. 22. m 7.  
 21. Foggy, clear above, fr S W. m. N W. p. m.  
 22. Wd, rain 6 m. wet p. m. & 8 p. Sly. Ely.  
 23. Mist, fair above. S. S E.

A° 1653. Decemb. 17. 17.  
 15. Foggy, moist and warm. N E.  
 16. Wds a. l. clear, f. wd. R. at n. S.  
 17. Rain a. l. Sun shine, fr. n. great Halo circa Sun. S.  
 18. Fair, fr. some gusts, clear. N E.

A° 1664. Dec. 8. 17 22.  
 7. Mist, rain a. l. & 4 m. wet a. m. & p. m. Sly.  
 8. Much wet 4 m. Dog fet 8 p. rise. S W.  
 9. Close wet m. rain hard 8 p. and store, as hath not been known.

A° 1675. Dec. 4. 2 28.  
 3. Fog, fair, wet, close m. p. S W.

4. Dark, mist, close, wind. S. S W.  
 5. Fog, dry, clear n. fr. Wly.

A° 1677. Dec. 23. 27.  
 22. Fr. fog, cloudy, yielding p. m. mild. S E.  
 23. Cloudy, wind p. m. some rain. S E. Ely.  
 24. Wet a. l. close, foggy, drizzle, f. rain p. m. Wly.  
 25. Cloudy, fog a. l. cool, dry, fr. h. n. Ely.  
 January vacant.

A° 1653. Feb. 15. 4.  
 14. Cloudy, some wind, warm and dry. E.  
 15. Cloudy, some wind, Summer weather. W.  
 16. Clouds, f. wd, Sun app. fair and warm. N W.  
 17. A blast of wind Sun occ. N.

A° 1664. Feb. 3. 17 8.  
 2. Brisk wind, close m. p. warm.  
 3. Close m. p. h. wind, some wetting, Sun shine. S W.  
 4. Fair, windy, cloudy, coasting hail 2 p. f. drops 7 p. S W.  
 5. Cloudy, windy p. m. & f. Rain. S W.

A° 1666. Feb. 28. 8.  
 27. Close mist, offer a. m. storm of hail 4 p. N E.  
 28. Bitter frost m. snow lies, some offer m. clds at. for Hail, offering m. N E.  
 1 March. Mist m. close wind, clear n. no frost.

A° 1677. Feb. 12. 13.  
 20. Rain 4 m. rain hard 5 p. Wly.  
 21. Much wet 7 m. ad 9. rain 8 p. Wly.  
 22. Rain p. m. not. warm. Wly. S E.

A° 1655. March 6. V 3.  
 5. Clouds side N E. wind, f. drizzling 9 m. S W.  
 6. Rain 4 m. very still, showers unconstant.  
 7. Showers of hail, rain 2 m. cold fr. H. wind, some fits of rain m. S W.  
 8. f. rain Sun w. a sad foking R. S W.

A° 1657. March 30. II 5.  
 29. Winds, cold and cloudy, f. moist m. N E.  
 30. Close, some wind a. l. cold, lawring, clear n. H. wind. S E.  
 31. Wind a. l. close, very cold, mistyish m. white flying clouds from W.

A° 1668. March 20. 8 9.  
 17. Close, cold, windy, fair p. m. 1/2 9 make a fine show.  
 18. Br. cool wd, rise 10 p. not to brisk. S E.  
 19. Brisk wind, audible n. Ely. Nly.  
 20. Fr. for the last fortnight in London. Fair, dry, D under Lenz B.

A° 1679. March 12. V 13.  
 11. Fine springing showr ante 1 p.  
 12. Some fog, rain, ad 7 no R. S E.  
 13. Some rain m. some fog, cold frost. Ely.

A° 1681. Apr. 6. II 13.  
 4. Cloudy, misting 1 p. 1/2 7 made a fine show. Ely.  
 5. Bright, fair, brisk wind. Ely.  
 6. Fair, some wind, warm. Ely.  
 7. Misty air, clear above, and calm. W.  
 8. Fair, hot, high wind. S W.  
 9. Fair m. mist, windy, clouding a. m. gentle rain 3 p.

§ 13: This you see is our *English* Diary, and do we not meet with Lightning one day, Rain hard the next. A° 1656. Rain all the Forenoon May 17. and Thunder 18. 1667. Aug. 30. 1659. and the next day Wind and Storms of Rain. Aug. 31. Flashes of Lightning, Sept. 1. Dashes of Wet, Sept. 2. Fax Volans, Aug. 25. Lightning, Aug. 27. 1670. Lightning, Sept. 9. Smart Showr, Sept. 10. — High Wind June 13. 1658. June 9. 1669. Sept. 7. 1672.

Soultrey Air, June 22. 1671. Aug. 28. 1670: To say nothing of troubled Air, which argues a Ponderous Influence. 'Tis a great Stone which upon



upon injection mudds the Water; I need not pray you to observe the Lightning,  $\mu$  and  $\varphi$ , we have said, carry it in their Faces.

§ 14. The Hyemal rains hard, Nov. 24. 62. and Nov. 22. A° 1673. Rainy at Night, and Wet Morn. Dec. 16, 17, A° 1653. Then Dec. 7, 8, 9. Rain in such store as hath not been known, A° 1664. Wet ante luc. Dec. 24. A° 1677. Summer Weather in the midst of Febr. A° 1653. Warm in the beginning of Febr. 1664. with High Wind for Two days after. Hail, Febr. 4. 1664. and Febr. 27, 28. A° 1686. which Hail in  $\delta$ 's Theory we produce as a Mark of Violence, &c. Rain hard, much wet, Rain the whole Afternoon, Febr. 20, 21, 22, A° 1677. At the same time in March, A° 1655. Rain, Hail, unquiet Weather, a sad looking Showr. 6, 7, 8. Fine Showr, March 11. A° 1679. High Wind and Heat, Apr. 8. 1681.

Days in the Hyemal Part 54.

Rain ————— 26.  
Brisk Influence, or Violence. ————— 15.  
Frost ————— 11.

In the Aestival Part, Days 46.

Rain ————— 27.  
Violence ————— 15.  
Frost ————— 4.

§ 15. The Account you have received, the Aspects are but short, howbeit they run the Zodiaque once round, and That brevity will be pardoned in me, who conceal nothing for fear of being discover'd. You may see by the Sum, § 13. that according to our Method, the Aspect conduces, I had almost said, as much to Moisture as Serenity.

§ 16. How comes it to pass then that  $\mu$  &  $\varphi$  have been voic'd for Fair Weather? Is it because of the difference of the Climate? Is it because Serenity, as I said, is more taken notice of? (One Fair Day making amends for Two Foul Days) or is it because at the close of the Fair Day,  $\mu$  &  $\varphi$  appear in the Western Angle, and make a fine Spectacle? so ampliating the Serene Day preceding by an Illustrious Close. ( $\mu$  and  $\varphi$  making the most notable Congress in the Heavens, the Fair Couple of the Celestial Court) or, Is it because in the Hour of Serenity These Two Stars add to the Glory of the Serene Day, beside what the Usurping Sun challenges to himself, though, the Truth is, 'Tis we ascribe All to the Sun, which the Sun challengeth not.

§ 17. For shame will some say, Doth not  $\delta$  &  $\mu$  &  $\varphi$  make Fair Weather? I have answered, and I cannot recall it. In such Circumstances of Non-assistance, Vacancy of a mediate Sign, or co-artation of Place. So  $\mu$  &  $\varphi$  are white Boys, and bring you such Lovely Weather, as makes Life it self the sweeter.

§ 18. Now try the Truth of what is now observed, August the 30. and 31. A° 1660. the first pleasant days in the Aestival Table; See before your Eyes no Hiatus, but straitness of place.

$\pi$  17.  $\odot$ . 22.  $\mu$ . 23.  $\varphi$ .  $\simeq$  6.  $\delta$ . 9.  $\varphi$ .  $\pi$  8.  $\eta$ . 11.  $\Delta$ .

Not only  $\mu$  &  $\varphi$  together, but  $\odot$  is crowding with them in  $\pi$ , nor only that, but  $\delta$  and  $\varphi$  nussling together in  $\simeq$ . Again, shall May 19. 1667. go for a Fair day? Then you have not  $\mu$  &  $\varphi$  alone  $\delta$  in  $\nu$ , but  $\delta$  and  $\odot$  in  $\delta$ ; in  $\pi$ . I say nothing of a Gap:

$\simeq$  1.  $\eta$ .  $\delta$ . 22.  $\Delta$ .  $\nu$  24.  $\mu$ . 25.  $\varphi$ .  $\propto$  20.  $\varphi$ .  $\pi$  5.  $\delta$ . 7.  $\odot$ .

3ly. A° 1669. June 8. Here is  $\odot$  &  $\varphi$  together again in  $\pi$ , and  $\delta$  &  $\varphi$  not far off; yea Five of the VII. within 15. degrees, which is far from that distribution which is required to Moist Weather, for thus they list.

$\simeq$  25.  $\eta$ . 27.  $\Delta$ .  $\pi$  23.  $\varphi$ : 24.  $\mu$ . 27.  $\odot$ .  $\S$  2.  $\delta$ . 8.  $\varphi$ .

§ 19. So in the Hyemal, Dec. 18. 1653. Here, not only  $\mu$  &  $\varphi$  are in Congress, but  $\eta$  also Faces them in the other Hemisphere within the confine of poor 3 Degrees.

§ 20. But

§ 20. But is it thus in the ☿, and □, and △? Thus and no otherwise; he that will not be ashamed of his Prognostick of Fair Weather, must not pronounce absolutely on *Jove* and *Venus's* Square, but with the limitation prescribed; I would rather urge this, because when the Artist promises Fair Weather, and Rain takes place, the Mistake is *fouler*, and more pitiable, than when declaring for Rain it succeedeth not: Because there may be a Fog, yet an overcast, a pregnant Cloud, or a lowring Sky for a while, that may make some weak Apology for the mistake. But when Rain appears, after a man of Skill has promised fair Weather, Expectation is frustrated, the Journey or Visit is defeated, so All who meant to enjoy the privilege of the smiling day, turn their Anger they conceived against the spiteful Heavens upon the *Sciolist*. Therefore let them attend the Aspect, if they please, whosoever are curious this way, but withal carefully inspect how the Planets concerned are *accompanied*, how the *rest* are posited; If, with the nearest, there's one *Requisite* good, which we call *co-actation* of place; if, with the farthest, above 30 degrees distance suppose, then there's a 2d. *Requisite*, which we call an *Hyatus*, or Vacant Sign. Some other *Punctillio's* there are (but these are the main) where we may pronounce Dry or Fair Weather, and so please himself, and his Client.

§ 21. We need not multiply Examples, the Rule is most part perpetual; I add that the same Method is to be observed for the Prediction of Frost, whether for the Day, or for the Morn at least; the Reason is, because few Fair or Dry Days are found in the *Hyemal* part of the Year, which are not accompanied with Morning Frosts. Such were the days whose Dryth was now considered, A° 1653. Dec. 18. for the *Hyemal* Table.— And A° 1660. Aug. 30, 31. for the *Æstival*.

§ 22. Note withal this same Doctrine would have been good in the Aspect of ♃ ♀, but 'tis more singularly good with this Aspect ♃ ♀, having greater kindness for fair Weather, for some such reason as we have ventur'd at, or for some Better.

§ 23. To draw to the Character then, They, who follow *Maginus*, *Argol*, *Adrian Vlacq*, tell you nothing of Violence. They talk of gentle Rains, and tell you of abundance (forsooth) of Fertility, as if ♀ were always a good Girl. But we have seen her Spirit in the preceding Aspects, with ☉ or ☿ at least; and oft-times she is the same when she reflects on ♃, so that not only Gentle Winds or Rains, but High and smart also she procureth: Yea, and I should add, you see Thunders and Lightnings, had no body said so as yet. But well fare *Eichstad*, who hath said it before me.

§ 24. What then is the Character of our Congress? I answer with the Road, Serene, and Fair, and gentle breathing Wind, but apt to worse, to Frown and Muffle her self, to put on her Masque in a Fog or a Muddy Air. She Favours also Cold and Frost, but so, as she is easily alterable to sign the contrary. Now since from Heat comes all Violence, she raises the Wind sometimes, and sparkles in Lightning. Difference you must think there is in the Posts, Degrees, and difference of Assistance, and so it comes about.

§ 25. Now, if it be said that a sudden Alteration is observable in other Aspects, and therefore not proper to the *Jovial*. I answer, neither so sudden, nor so constant. An ☿ ☉ ☿ in Winter Months shall not bring Frosts so often as ♃ and ♀ opposed. Surely not a □ or a △ it may be, so much as ours. Our Eyes teach us some difference of ♃ and ♀ from others; the Fairest Planets in the Heavens, of the greatest visible Diameter; so that if they have any kindness for Cold, which Experience teacheth, they may be allowed, as strange as it is, to be easily reconciled to Warmth.

*Foreign Miscellany Diary for the Aspects Jovial last past, and Remarques thereon.*

1500. Pestilence at the beginning of the year, *Hows*. We will refer it to  $\hbar$  and  $\delta$ , though in Feb.  $\mathcal{U} \odot \mathcal{Q} \mathcal{P}$  are all in  $\mathcal{K}$ , which also found matter for the Flood in *Louvain*, Feb. 11.

1501. *Prasyl*, Lat. 32. April Cold and Tempestuous,  $\mathcal{U} \odot \mathcal{P}$  in  $\mathcal{V}$ . in *princ. mens.*

1502. April 4. ad 9. Dangerous Tempest. South Lat. 52. It made *Americus Vesputius* return: de Bry Relat. Navig. Yea Lopez's Tempest is not much out of the way.  $\delta \odot \mathcal{U} \mathcal{Q} \mathcal{P} \mathcal{D}$ .

1506. Comet appeared in the Month of August die octavo, running through the Signs  $\mathcal{Q}$  and  $\mathcal{W}$  near *Ursa Major*. Michovius apud Hevel.  $\mathcal{U} \mathcal{P}$  in  $\mathcal{W}$ ;  $\mathcal{P} \hbar \odot$  preceding in  $\mathcal{Q}$ .

1508. April Mense, T. M. inundat. ex statione  $\mathcal{P}$ , saith *Eichstad.* I know not, I see  $\mathcal{P} \mathcal{U} \odot \mathcal{Q} \mathcal{P}$  in  $\mathcal{S}$ .

1510. *Astus maxim.*  $\mathcal{U}$  in  $\mathcal{V}$  opp.  $\odot$  & inter eos  $\mathcal{P}$  stat.

1512. Comet, Coloris Sanguinei in March and April, *Ricciol.*  $\mathcal{U} \mathcal{P}$  in  $\mathcal{K}$ .

1516. Julio mens. Calor & Siccitas, *Eichstad.*  $\triangle \hbar \mathcal{U}$ . imo  $\odot \mathcal{U}$  in fine  $\mathcal{S}$  & *princ. Q*.

Cometa in Jan. 'Twas b'got under  $\mathcal{U} \delta$ , but  $\mathcal{P} \odot \mathcal{U}$  accompanies it.

1518. Sweating Sicknefs in Brabant, and Germany. in Aug. Lyc. Stow,  $\mathcal{U} \odot \mathcal{P}$  in  $\mathcal{W}$ .

1521. Comet at the end of April, *Luna Dichotoma similis.* *Ricciol.*  $\delta \hbar$   $\delta$  is on the place, but  $\mathcal{P} \mathcal{U} \mathcal{P}$  in  $\mathcal{H}$  &  $\mathcal{I}$  stands by; let that be remembered when you come to  $\hbar \delta$  Bead-roll.

June 28. Thunder fired the Magazin at Milain, Lyc.  $\mathcal{P} \mathcal{U} \mathcal{P}$  in  $\mathcal{W}$ ,  $\mathcal{S}$ . *Pestis Roma atrox*, *Kircher*, *Gem.*  $\hbar \delta$  with  $\mathcal{U} \mathcal{P}$  for May,  $\mathcal{U} \mathcal{P}$  for June, July in  $\mathcal{V} \mathcal{S}$ . When  $\hbar$ 's Aspects enter, and  $\mathcal{U}$  accompanies them. Then beware of——See another Instance in the next year, 1522. For to the Pestilence and Famine noted by *Mizaldus* in his *Cometograph.* we find that  $\mathcal{U}$  Aspects were followed by Saturnine in June, July. See in  $\mathcal{U} \delta$ , also.

1525. Dec. princ. Rain with N. Wind, *Purch.* IV. 1554.  $\mathcal{U} 7. \mathcal{P}$ .  $\mathcal{S} 26. \mathcal{M}$ .

1526. July 20. At Zay (*apud Tugios*) among the Switzers, *Pulvis Pyrius fulmine tactus.* Lyc.  $\mathcal{H} 14. \mathcal{U} 22. \mathcal{Q}$ .

Novi. Dec. & Jan. (following) Floods, *Hows*. The Rule holds here also, For the  $\mathcal{P} \odot \mathcal{U}$  and the rest, go hand in hand with  $\hbar \delta$  in Nov. & Dec.  $\mathcal{U} \odot$ , &c. in  $\mathcal{I} \mathcal{H}$ .

1527. *Pestis Roma*, *Untzer.* 1169. Junio mense,  $\mathcal{U} \odot \mathcal{Q} \mathcal{P}$  in  $\mathcal{S}$ .

July 1. Great Storm, near Mountains of Ice (*New-found-Land*)  $\mathcal{U} \mathcal{P} \odot$  in  $\mathcal{S}$ .  $\mathcal{U}$  in  $\mathcal{P}$  *princ. opp.*  $\delta$  in  $\mathcal{M} 24$ .

Dec. 11. Comet, *Gem.* 2, 10.  $\mathcal{U}$  in  $\mathcal{S}$ .  $\odot \mathcal{P} \mathcal{Q}$  in  $\mathcal{V}$ . Noted for the Testimony of that frightful Age, speaks tragically of it, which our more confident times would answer with a Smile or a Tush. But the Sponsors we have produced are great,  $\mathcal{U} \odot$ , &c. if that in the beginning of the year following be another, the same Godfathers stand.

1528. *Alius Cometa visus est in Piscibus in opp. Saturni.*

2. Great Drought July and August,  $\mathcal{U} \delta \odot \mathcal{Q} \mathcal{P}$  in  $\mathcal{Q}$ . Lyc.

June 17. ad 21. At *Apalaken* in the West Indies, Thunder store, threw down Trees for several Miles, the Trees being most part cleft from one end to the other, *Purch.* 3. 1502.  $\odot \mathcal{U} \mathcal{P}$  on the *Trap.* point of  $\mathcal{S}$ . See the *Ephemerides.* *Gaffarel* makes believe the Volume of the Heavens is Legible, 'tis a fancy, if not worle; but here, you may read the Storm in Character plain: The Alphabet that is pretended, I skill not.



- July 19. Great Hailstones at *Auspurg*.  $\mathcal{U}$  ♀ are in ☿ still.
1529. Comet, a Chafine *Jan. 9. Pontanus*. ♂  $\mathcal{U}$  ♀ ♀. add  $\mathfrak{h}$  ♂ in ☿ m.
- Feb. 24. Tempest of Wind at *Uratiflaw*, *Lyc.* ♂  $\mathcal{U}$  ♀.
1530. T. M. Sept. 1. on the Coast of *Cumiana*, near the Isle of *Cubagua* in the *Indies*. *Purch.* III. 868.  $\mathcal{U}$  ♀ in ☿.
1532. April 11. *Pavelia*. *Venetis*. *Lyc.* *Fromond.* 406. ♂  $\mathcal{U}$  ♀.
- Die 25. in *Helvetia*, *Halo circa* ☉. ♂  $\mathcal{U}$  ☉ ♀.
- Sept. 25. ad Nov. 20. Comet, *Mizald*. *Appian.*  $\mathcal{U}$  ♀ in m,  $\mathcal{U}$  ♀ in m. *menfe sequ.* Note also the III. in ☿, ☉ ♂ ♀ conspiring. *Rockenback* therefore faith it was kindled by ♂ ☉ ♂.
1533. Comet in July 17. *non procula Perseo* in  $\pi$ . *Leovit.* The place, *non Procul a Perseo* points out the Author.  $\mathcal{U}$  ♂ 17. ♀  $\mathfrak{h}$  ♀ in ☿.  $\mathcal{U}$ 's Opposition kindles it in the Asterism Extrazodiacal, back't by the III. following in the next Asterism.
1535. July 25. Terrible Thunder about *Zurich*, fired Houfes, *Lyc.* ♂  $\mathcal{U}$  ♀ in ☿ &  $\mathfrak{h}$ .  $\mathfrak{h}$  ☉ ♀ in ☿.
1537. Dec. 12. Lightning fires the Castle at *Rome*, near *Pont Aelius*. *Lyc.* it comes under  $\mathfrak{h}$  ♂, but add also  $\mathcal{U}$  ♀.
1539. May 11. Comet, *Mizald.* 233. At what time *Basil* was troubled with a great, yet harmless Earthquake. ☉ ♀  $\mathcal{U}$  are in  $\pi$ . but let the good Reader add the Two Superiours Square in Cardinal Signs, which shook *Italy* in the year before in Sept. (*Fallop. apud Fromond.*) And shakes *Mifina* again this year, *June 13.* not without help of  $\mathcal{U}$  ☉ in ☿, &c.
- July 27. By the Isles of *Xalisco*, on the back-side of *America*, extreme Tempest, we thought we should have perished, *Hakl.* 398.  $\mathcal{U}$  ♂ ♀ ♀ in ☿. You may find it under  $\mathcal{U}$  ♂, but you see there is IV. have Title to it, and not Two only.
- Dec. 17. For Two or Three days, great store of Rain, *Hakl.* 414.  $\mathcal{U}$  in ☿ opp. ☉ ♀ ♀.
1540. July, *Aestas sicca*, *Lyc.* ♀ ♀ in ☿.
- Great Mortality, *London*, Ague, Flux, Pestilence; *Stow*  $\mathcal{U}$  ☉ ♀ in ☿;  $\mathfrak{h}$  ♀ in ☿.
1541. Feb. 19. Rain hard near *Massua* in the *Abessin* Country, *Purch.* II. 1129.
- Feb. 20. Wind fair at E. at the beginning of the 2d. Watch, we fell on a sudden on very *Whitish Spots*, which did cast from themselves certain Flames like Lightnings; this Novelty made no impression on the Pilots of the Country.  $\mathcal{U}$  ☿ 22. opp. ♀ ♀ Stationary.
1544. Aug. 21. Comet *sub forma Draconis*, *Rockenb.* ☉  $\mathcal{U}$  ♀ in  $\pi$ .
1546. Aug. On St. Laurence Eve at *Mechlin*, so many Barelts of Powder fired with Lightning, 500 men slain, *Lyc. Gem.* 2. 102. *Fromond*;  $\mathcal{U}$  at the end of  $\mathfrak{h}$  with the  $\mathfrak{h}$ ,  $\mathcal{U}$  ☉ in ☿.
1547. Sept. 20. A Star which directed us to Mount *Sinai*, say the Travelers in *Purch.* 1380. which Mr. *Purchas* has pleased to deride with his *Qui amant, ipsi sibi somnia fingunt*, with what Charity, let the meek Reader judge. To say nothing how his Volumes would dwindle away, if all such stories must be marked with an Obelisk. I had no reason to let it pass, because the disposition of the Heavens lye fair for such appearances. III Planets in ☿, ☐ of  $\mathcal{U}$   $\mathfrak{h}$  in Cardinal Signs, and which is to our purpose, an  $\mathfrak{h}$   $\mathcal{U}$  ♀ in  $\pi$ ; Add that we hear of a Comet within a Month after, nay we hear of a Meteor nearer,\* but 4 days before, for so says my Manuscript. Sept. 16. *hora 9. noct. Fax ardens mira Longitudinis ab or. in occ. lente volans ejusdem cum  $\mathcal{U}$  altitudinis*, Dr. *Dee.* There's no man dreams of a Parallel to the Star of the Eastern Sages, in Sacred Writ; Neither must we deny God's Signal Providences may be interpreted in private and inferior

feriour Convoys, many things as God would have it, oft-times falling out according to our wish.

*Acies Caeſtes, Octob. 1. Lyc. ♀ Stationary in ♄, oppoſing firſt ♀ on this ſide the Autumnal Equinox, ♀ back't with ♂ and ♀; and within a few days we hear of a Comet, which gives ſome hint, that both Comets and Phaſmes Celeſtial, have ſome dependance on our Theory, what ſoever. more the Later may challenge. A Star ſeen by Dr. Dee, as he teſtifies in his Manuſcript.*

1548. Aug. 4. *Pluv. imber vehemens, cum ingenti Tonitru, Lovain. Dr. Dee. ♀ 8. ♀. ♀ 20. ♀.*

Sept. 5. *Auſter Vehemens nocte circa horam 7. cum Tonitru magna. Dr. Dee. ♀ 27. ♀. ♀ 18. ♀. ♀ etiam in ♄.*

1549. March 13. *Pluit toto die. Die 14. Wondrous Storms and Showry.*

Die 16. *Vehementis. vent. imber. ♀ ♀ in ♀.*

April 5. *Nocte, Magnus vent. & Pluvia contin. ♀ ♀ in ♂.*

May 24. *Vent. Vehementis. ♀ ♀ ♀ in ♂, & h ♂ opp.*

1559. Oct. 21. *Foul Weather, and change of Winds, Hakl. 98. ♂ ♀ ♀.*

Die 25. *Much Rain and foul Weather. 27. Very high Winds ib. 98. ♂ ♀ ♀.*

Nov. 7. *The Wind continuing S E. which has not been often ſeen (on the Coaſt of Ferro) Hakl. 99. ♀ ♀ in m.*

1566. April 10. *T. M. in Conſtantinople, Lyc. ♀ 7 4. ♀ in ſine ♂. ♀ etiam in ♂. die 8. Lampas. Gem. 2. 30.*

Die 23. *Diræ Tempeſtates Bruxellis, cum alibi aura ſerena foret ib.*

Nov. 10. *Storms extream on the Scotch Coaſt, Stow. ♀ ♀ in 7.*

Die 20. *Tempeſt for 12 days and more Leriſ Navig. Braſil. ♀ ♀ in 7, add h ♂ opp.*

Dec. 6. *Parclia, Lyc. ♀ ♀ in 7; h ♂ in opp.*

Die 26. *Tonitrua, Lyc. ♀ Stationary in 7; h ♂ in opp.*

1558. Jan. 9. *Tempeſt continued 4 or 5 days, ♀ ♀ in ♀.*

June 9. *Tempeſt after Calais was deliver'd, exceſſive for 4 or 5 days, which was called, the Wind that blew away Calais; Hollinſh. die 25. Extream Current Eaſtward toward the Line, Hakl. 128. ♀ in ♀ & ♀.*

1560. *Menſe April, Comet in Galliis, Eckſtorm. ♀ ♀ in ♀, add h ♂.*

Sept. 25. *Parelia, cum arcu inverſo, Gem. 2. 28. ♀ in ♀. ♀ ♀ ♀ in ♄.*

1567. *Terrible Tempeſt toward Paris, rooting up Trees, and drowning Beaſts, T. P. 31. m 7. ♀ 8. ♀.*

1568. June 6. *Ipo Pentecoſtes die, ſanguine pluit per multa Brabantia Loca; Gem. ♀ ♀ ♀ in ♀; add h ♂ in m.*

The Co-incidence of h ♂ with the Aspects of ♀ are here, and elſewhere to be noted for great Products of all kind ſoever. See *A<sup>o</sup> 1521. 1522.*

1569. Jan. 13. *at Lovain, Inundations High and ſwelling, Gem. 2. 63. ♀ ♀ in Trop. ♀ Stationary.*

May 14. *T. M. Bruxels, Gem. 2. 64. ♀ ♀ ♀ in Trop. h and ♂ are ſcarce quit of Oppoſition.*

1570. Aug. 4. *Chafma, Gem. 2. 67. ♀ ♀ ♀ ♀, cum h ♂ in ♄.*

1571. Sept. 11. *Chafma flammeum, Gem. 2. 69. ♀ in ♄ ♀ ♀ ♀.*

1572. Nov. 1. *Sharp Froſt from the Firſt to Twelfth, ♀ ♀ ♀, add h ♂.*

Princip. Nov. *Stella nova in Aſteriſm. Caſſiopeiæ quam deſcripſit, Gem. 113. ♀ 21. ♀ 12. ♀. Quinetiam ad h ♀ oppoſ. una referenda eſt.*

1576. July 14. *Lat. 61. The Vehemency of the Wind broke our Fore Yard, Hakl. 617. ♀ ♀ in ♀, cum ♂ ♀ ♀.*

Aug. 18. *In two Hours it froze round about the Ship, Hakl. ♀ ♀ ♀ very near to one another in ♀.*

Die 21. *Snow nocte, 1 Foot thick on our Hatches, ib. 621. ♂ ♀ ♀.*

Sept.

Sept. 7. Lat. 63. A very terrible Storm, one of our Men blown overboard, but that he caught hold, *Hakl.* 1. 621. 4 0 2 5 in  $\pi$  opp. by  $\gamma$  in  $\times$ . I hope I need not bid the Reader mark it.

1578. Apr. 7. *Brasil*. Storms, Thunder and Lightnings, *Hakl.* 2 4 0 8 5.

1579. April 24. Snow a Foot deep, *Stow.* 4 in  $\pi$  opp.  $\odot$  2 5.

Sept. 8. Oct. Great Winds and Flouds, (not any Rain) drowning Men and Cattle, bearing down Houses at *Newport, Bedford.* *Stow.* 4 5 in  $\pi$  ad  $\odot$  8 5 in  $\infty$ . to particularise no more.

1580. Apr. 6. Great T. M. *Stow.* 687. *Thuan.* 4 in  $\pi$ , 2 in  $\infty$  ad  $\gamma$  8 in  $\infty$ .

May 1. T. M. in *Kent*, *Stow.* Summary, 4  $\gamma$  in  $\pi$ , 2 2 8 5 in  $\infty$ . Hence we see our Aspect had a hand in the Earthq. 3 Weeks ago.

Die 24. Hills cover'd with Snow, *Burroughs* Voyage, Lat. N. 41. 4 in  $\pi$  in opp.  $\odot$  5 in  $\pi$ . Sure they are not always cover'd with Snow in Latitude 41.

June 6. Lat. N. 58. Very cruel Storm, *Hakl.* 4 opp.  $\odot$  5 in  $\pi$  ad  $\gamma$  2 opp. in  $\infty$  8 5.

Jul. Menfe, *Novus morbus Lunæbergensis*, *Dimerbr.* 4 opp.  $\odot$  2 5 in Trop. yea  $\gamma$  8 on the other side claim a share. Add, at their Heels  $\gamma$  opp.  $\odot$  2 5 in  $\infty$ . the Rule we have given before, A° 1521.

1585. Dec. 23. Earl of *Leicesters* Tempest going for *Rotterdam*, *Hovv.* 2 8. 2  $\pi$  1. 4. add  $\odot$  2 8 in  $\infty$ .

1586. Jan. 2. *Parelia*. From. 51. 4. 2 20. 2.

July 7. A Flaw of Wind took me, I saw a Whirlwind take up much Water for 2 or 3 hours together, *Hakl.* 1. 781. 4 5 in  $\infty$  princ.  $\odot$  in 8, non procul a princ.

Nov. 17. Difease in the Belly extreme, but short. Earl of *Gumberlands* Voyage, 795. 2 4 2 in  $\infty$  8 5.

Dec. 23. T. M. in *Guatemala*, *Purch.* 3. 939. 4 opp.  $\odot$  5 in Trop. Signs An Opposition of  $\gamma$  8 is entring also.

Adie 25. ad Jan. 12. 87. Though the  $\odot$  was near, yet was it Cold, and wind variable as in *England*, Lat. S. 32. *Hakl.* 4 2  $\odot$  5 in Trop. Signs, ad  $\gamma$  8.

1587. June 24. 27. ad 30. Lat. N. 67. Extreme hot. Lat. 70.  $\odot$  above the Horiz. about 5 degrees. *Hakl.* 117. 8 191. 5  $\odot$  8 4 in  $\infty$ , add 8, in  $\infty$ .

July 12. Lat. N. 72. Mighty bank of Ice, the Wind would not suffer us to double, *ib.*  $\odot$  4 5 in  $\infty$  5.

Die 13.  $\odot$  hot, shining on the Ice, yet melted it not, *ib.* 791.  $\odot$  4 5 ut sup. 8 in  $\infty$ .

Die 25. Marvellous hot, Lat. 61. *ib.* 79. 4  $\odot$  5 in  $\infty$ .

A Drought, that Corn began to wither in *Virginia*, *ib.* 4 in  $\infty$  8 5.

1518. Aug. 4. Arrived at *Harwich*, having been 2 or 3 days tofs'd with a mighty Tempest, *Hakl.* 2. 603. 4  $\odot$  in  $\infty$ ,  $\gamma$  2 in *Antiscio*.

Sept. 2. Tempest cast the Spaniards on *Ireland*, *Hakl.* 607. 4  $\odot$  5 in  $\pi$ , 2 8 5 Retrograde.

1589. Feb. 15. A *Rio Benin*. Current Westward, *Hakl.* 163. 2 in  $\pi$  8  $\times$ .

Die 18. Close, droufie, Thunder, Lightning and Rain, *ib.* 2. 127. 4 2 5 in  $\pi$  8  $\times$ .

Die 24. St. Vet. Great Storm, excessive Rain, 3 *Corpo Santos*, *Linschot.* 167. 4  $\pi$  opp. partile,  $\odot$  5 in  $\times$ , add  $\gamma$  8.

Aug. 1. *London*. Greatest Thunder and Lightning as had been known, yet harmless, *Stow.* 4 5 in  $\pi$ ,  $\odot$  2 8 5, with a piece of 2  $\gamma$  8.

Die 17, 18. Wind hard N E. in *Virginia* gr. Storm die 18. Capt. *Smith.*



♄ ⊙ ♀ ♀ in ♍ in ♋. See the same Scheme of Heaven before, A° 1576.  
Sept. 7. (let me intreat you.)

Sept. 25. Great Tempest rose suddenly in the Night, *Habl.* 2. 159. ♄ ⊙ ♀ in princ. ♄, ♀ in fine; add ♀ ♀ in ♏.

Oct. 2. At Tercera, Two men slain by Lightning, *Linschot.* ♄ ♀ in ♄. add ♀ ♀.

Die 6, 7, 8. Near Tercera, very rough Weather, *Habl.* 2. 160. ♄ in ♄ princ. ♄ ♀ in fine.

1590. Sept. 15. Wind so exceeding high, that we were forced to lye a try.  
*Habl.* 294. ♄ ♀ in princ. ♄, ♄ in fine.

Sept. Mens. Thunder and Snow, *Stow's* Summary, ♄ ♀ ut supra.

1596. Dec. 5. Thunderball at the Cathedral of Wells, whilst the Doctor was discoursing of Spirits, as *Stow* thinks fit to observe, page 782. ♂ 1. ♄ m 6. ♀, Add ♄ ♀ in ♏.

Die 7. Great Storm of Snow, our Sack froze, *Purch.* 3. 495. ♄ ♂; ♀ in m.

Die 18. At Westram in Kent, T. M. Hows, 783. ♄ ♀ in ♂; ♀ in m. a sign that ♄ and ♀ had a hand in the former Thunderball, seeing the Approach of the ♀ to ♄ in that degree of the Zodiac moves the Earth it self.

Die 20. Great Storm, and Snow. Our House cover'd with Snow, *Purch.* 3. 495. ♄ ♀ in ♂, ♀ in m.

1597. March, Extreme Cold, ♀ circa fin. ♀, ♄ circa ♂ 10.

April cold and showry, ♄ ⊙ in ♂, cum ♀ ♀ in ♏ & ♋.

May cold and dry, ♄ ♀ ♀ in ♂, cum ♀ ♀ ut supra.

June 5, 15. Great store of Hail, Snow. *Purch.* 4. 506. ♄ ⊙ ♀ in ♏.

1598. April 10. Much Wind at the Straits of Magellan, *Purch.* 2. 130.  
All April wonderful much Snow and Ice, ♂ ♄ ♀ in ♏ Retrograde.

Aug. 7. Tempestas turbulentissima, disiecta Naves inter Cabo & Madagascar.  
♄ ♀ in ♂, ♀ ♀ in ♄.

1599. Aug. 10. Great Storm, ♄ ♄ ♀ in ♏.

1601. Feb. 1. Sunday morn, Tempest of Wind beyond St. Gile's in the Fields, a Windmill broke. *Stow.* ♄ ♄ ♀ in ♋ & ♏.

Aug. 14, 24. Impetuous Winds, Whirlwind sink ships, *Purch.* 1604.  
♄ ♀ in ♏, ♄ in ♏, ♂ & ♀ in ♂.

Aug. 29. Sept. 8. T. M. Celeberrimus. From ♄ ♀ ⊙ propē Equatorem.

1606. Jan. 11. Hot Weather, 19 Whales and Porpoises, ♄ ⊙ ♀ in ♂.  
♄ ♀ opp. in Trop.

Aug. 4. Wind, Rain; very high Seas, ♄ opp. ♄ ♀ in ♏. ♀ opp. ♀ in Trop.

1607. Aug. 12, 13, 14, Rain without Intermission, *Purch.* 1. 796. ♄ ♄ ♀ ⊙ ♂ in ♏. ♄ ♄:

1608. March 15. Current, ♄ ⊙ ♀ in ♏, add ♀ ♀ in ♏.

June 2, 3, 4. Thunders and Rain felt by the Discoverers of Virginia, so that they called the Isles, *Limbo*, Capt. *Smith*, pag. 56. ♄ ♄ ♀ in ♂; add ♀ ♀ in ♂.

1609. May 3. St. No. At Nera, very great T. M. not unusual there, (but yet never comes without its Commission) *Purch.* 717. ♄ ⊙ ♀ in ♂, add ♂ ♀ in ♏.

Die 13. Very much Ice, stiff Gale, *ib.* ♄ ⊙ in princ. ♏.

Die 26. A Great Storm, we were not able to maintain a Sail, *ib.* 3. 581.  
♄ ⊙ ♀ in ♏, add ♂ ♀ in ♂.

June 12. T. M. in Nera insula iterum *Arthufius*, ♂ ♄ ♀:

Nov. 29. Hard Gale all day, it proved a Storm at Night; *Purch.* 1. 204.  
♄ in ♏ opp. ♄ ♀ in ♏.

Dec. 3. St. N. Glacies ubi nullus aspectus, saith *Kepler*, apud *Eichstad*, ♄ in ♏ opp. ♄ ♀ in ♏, there is Aspect enough. Uuuu 1616.

1616. Jan 16. 26. Flying Storm out of the West, Wind high, and blew Water, Lat. N. 55. Purch. 1. 91.  $\mathcal{U}$  ♀ in  $\mathcal{Z}$  fine.

1617. Hyems tepida, Kepler.  $\mathcal{U}$  ♀ in  $\mathcal{V}$ . VI. of the Planets lie in this order, in Capricorn Three, in Aquary One, Pisces one, and this Last in a growing Opposition of  $\mathcal{S}$  in  $\mathcal{W}$  Stationary. So little need is there of Keplers occult Causes, if he had marked the Tepor die 19. where he would have seen the  $\mathcal{D}$  in  $\mathcal{S}$  covering the Three in  $\mathcal{W}$ .

Jan. St. Ver. 6, 7, 8. Neb. continua.  $\mathcal{U}$  ♀ in  $\mathcal{W}$ .

May 26. St. V. Tonitru Imber, K.  $\mathcal{U}$  in  $\mathcal{W}$  princ. opp. ♀ in  $\mathcal{S}$  fine.

June 5. 15. Tempestas Horrida, Fulgura, Tonitrua continua. Let any one note it, Friend or Foe,  $\mathcal{U}$  ♀ Both Stationary, in Opposition, in  $\mathcal{A}$  princ. More of the like nature, die 12, 13, &c.  $\mathcal{U}$  ♀ ♀ in opp.

June 23. July 3. Pertenuit, imbres,  $\mathcal{U}$  ♀.

June 29. July 9. Tonitru, imbres,  $\mathcal{U}$  ♀.

July 1. 11. Tonitru, Tempestuosum, Id.

Die 16. Squalor & Ghasma, Id.

Die 7, 8. 17, 18. Tonitru imbres.  $\mathcal{U}$  ♀.

Die 10, 20. Pluvia Copiosiss.  $\mathcal{U}$  ♀.

Aug. 19. Iris  $\mathcal{U}$   $\mathcal{W}$ , opp. ♀ in princ.  $\mathcal{A}$ .

Aug. 25. The Water of the Sea seemed almost as white as Milk, and so continued till day 30. (Note, No Ground could be found in that Water) C. Pring, Purch 1. 631.  $\mathcal{W}$  22.  $\mathcal{U}$ .  $\mathcal{S}$  27. ♀ ♂ in princ. Add  $\mathcal{h}$  with the Pleiades  $\mathcal{S}$  24. ♂ princ.  $\mathcal{M}$ .

1618. March 7. Meteor near the Pallace at Paris, Howes  $\mathcal{W}$  24,  $\mathcal{U}$   $\mathcal{X}$  9, ♀ stat. 13. ♀. 28. ♂.

July 14. 24. Two days after we were horribly tof'd, Trigant. 1619.  $\mathcal{U}$   $\mathcal{X}$  6. opp. ♀  $\mathcal{A}$  21.

Aug. 15. ad Sept. 15. Famous Comet, while ♀ is near as ♀ is far,  $\mathcal{U}$  opp. ♀ in princ.  $\mathcal{W}$  ♀ in fine.

Die 16. Comet, Hevel.  $\mathcal{U}$  in  $\mathcal{X}$  opp. ♀ ♀.

1620. Novemb. intra dies 14. Diluvium in monte Ferratenfi, quo pagi integri hominesque non pauci aqua submersi Galvis.  $\mathcal{U}$  in  $\mathcal{S}$ . opp. ♀  $\mathcal{D}$  in princ.  $\mathcal{Z}$ .

Die 26. At New-England, Rain 6 or 7 hours nocte, Capt. Smith  $\mathcal{W}$  27. ♀  $\mathcal{Z}$  12.  $\mathcal{U}$ ; Add ♀ in  $\mathcal{Z}$ ,  $\mathcal{h}$  in  $\mathcal{S}$ .

Die 27, 28, 29. Comet in New-England, with Frosts; Thames was froze with us, ♀  $\mathcal{U}$  ♀ intra gr. 14.

1621. May 21. In Burgundia, T. M. which Kepler saith was the Product of  $\mathcal{h}$  ♂, but we also find  $\mathcal{W}$  5.  $\mathcal{U}$  ♀ 27. ♀. but 8 gr. distance.

1626. March 29. Pluvia. Aftus. fulgura,  $\mathcal{U}$  opp. ♀ ♀.

April 25, 26. 28, 29. Tonitru venti Fulgur. Imbres,  $\mathcal{U}$  opp. ♀ ♀ in  $\mathcal{V}$ .

Circa diem 28. T. M. in Calabria, you heard of it before in ♀ ♀, but you may give  $\mathcal{U}$  leave to oppose them, from  $\mathcal{W}$  23. they lying in  $\mathcal{S}$  16.

Sept. 4. Iris ante Sun ort. Kepl. ♀  $\mathcal{A}$   $\mathcal{U}$  gr. 5. dist. Add  $\mathcal{h}$  ♂ in  $\mathcal{W}$ .

Sept. 5. Ventus Decumanus, Kepl.  $\mathcal{U}$  ♀ intra gr. 4. ♀ gr. 12.

1627. June 27. Iris, Kyr.  $\mathcal{U}$  23.  $\mathcal{M}$ .  $\mathcal{S}$  2. ♀  $\mathcal{U}$ .  $\mathcal{W}$  0. Stationary ♀.

Dec. 17. Ventus Horribilis Strages, dedit Sylvarum, & Edificiorum per Bohemiam, Kepl. ♀ gr. 18. ♀ gr. 23. distant from  $\mathcal{U}$ .

1628. June 8. Tempestuos. Tonitrua, Kepl.  $\mathcal{U}$  opp. ♀ in  $\mathcal{W}$ .

June 16. T. M. at St. Michaels, and a New Island, Olear.  $\mathcal{U}$  ♀ in fine  $\mathcal{Z}$  opp. ♀ ♀ in  $\mathcal{W}$ . This is the Month wherein Kepler confesses the Influence of Tempestuous Fixed Stars, with an occult Subterranean Cause beside. For it seems there was so much wet throughout the Month, that it hindred the Harvest in Bohemia. These occult Causes is a skulking Principle.

Dec. 13. Ara Pluvia.  $\mathcal{U}$  ♀ in  $\mathcal{W}$ .

1629. June 14. Sæva Tempestas,  $\mathcal{W}$  5.  $\mathcal{U}$ :  $\mathcal{S}$  11. ♀ cum opp.  $\mathcal{D}$  in  $\mathcal{A}$ .

June 23. July 3. Tonitrua Crebra, ♀  $\mathcal{U}$  ♀, add ♀  $\mathcal{h}$  ♂, &c. Die

Die 28. July 8. *Tonitrua, Grando*,  $\mathcal{U}$   $\mathcal{D}$  opp.  $\odot$   $\mathcal{Q}$   $\mathcal{F}$ .

Die 30. July 10. *Iris*,  $\mathcal{F}$   $\mathcal{U}$   $\mathcal{F}$ .

July 12, 14, 15. *Tonitruimbres*,  $\mathcal{F}$   $\mathcal{U}$   $\odot$   $\mathcal{Q}$   $\mathcal{F}$ .

Die 24. Aug. 3. *Fulminati Homines*,  $\mathcal{U}$   $\mathcal{D}$  opp.  $\odot$   $\mathcal{Q}$  in  $\mathcal{Q}$ .

*Aug. Perſcribitur ex Alpibus Rhetis montem Shua, terræ motu utique ſiſſum agros late ruinis rexiſſe, v<sup>o</sup> 29.  $\mathcal{U}$ .  $\mathcal{Q}$  18.  $\odot$ . 26.  $\mathcal{Q}$ .* The very day on which *Kepler* notes, Men were ſlain with Thunder. As in the former Earthquake I ſpoke of, the ſame Hand notes, Globes of Fire; Such are the Created Powers above!

1630. Jan. 25. *St. Vet. Chafma terribile ſeu ardens Calum*,  $\mathcal{U}$   $\odot$   $\mathcal{F}$  in  $\mathcal{M}$ .

1636. Jan. 27. Much Rain and Floud *Norimberg*. *Kyr.*  $\mathcal{U}$  princ.  $\mathcal{M}$ . opp.  $\mathcal{Q}$  princ.  $\mathcal{H}$ .

Die 30. Rain, Snow, Thunder, and T. M. *Kyr.*  $\mathcal{U}$  opp.  $\mathcal{Q}$ ,  $\mathcal{F}$ .

Feb. Menſe. *Batis inundans cum magna ſtrage, Fromond.*  $\mathcal{U}$  opp.  $\mathcal{Q}$ , in  $\mathcal{Q}$   $\odot$   $\mathcal{F}$ .

May 30. Heat, black Rain, Thunder, Lightning,  $\mathcal{U}$   $\mathcal{Q}$  in  $\mathcal{Q}$ . Add  $\odot$   $\mathcal{F}$  in  $\mathcal{M}$ .

June 8, 9, 10. Heat, Thunder, Lightning, Rain,  $\mathcal{U}$   $\mathcal{Q}$  in  $\mathcal{Q}$ .

Die 15. Night Thunder and great Rain. So die 25.  $\mathcal{U}$   $\mathcal{Q}$  intragr. 12.

July 1, 2. Rain and Thunder,  $\mathcal{U}$   $\mathcal{Q}$  in princ.  $\mathcal{M}$ .

Die 5, 7, 8, 10. Much Rain, and Storms of Wind,  $\mathcal{U}$   $\mathcal{Q}$  ut ſupra.

Die 20. Much Rain and great  $\mathcal{F}$   $\mathcal{U}$   $\mathcal{Q}$ .

Die 30. Tempeſt, at *Petſora, Olear*,  $\mathcal{F}$   $\mathcal{U}$   $\mathcal{Q}$  in  $\mathcal{M}$ .

Aug. 7. Tempeſt forced us to caſt Anchor,  $\odot$   $\mathcal{F}$  in fin;  $\mathcal{Q}$   $\mathcal{U}$  princ.  $\mathcal{M}$ .

Die 11. Current forced the Ship to the Shore, *Olear*;  $\mathcal{M}$  11.  $\mathcal{U}$ .  $\mathcal{Q}$  4.  $\mathcal{Q}$  ſtat.

Die 27. Much Rain,  $\mathcal{U}$   $\odot$  circa med.  $\mathcal{M}$ .

Sept. 7. ad 9. Tempeſt and a Violent Current,  $\mathcal{M}$  17.  $\mathcal{U}$   $\mathcal{F}$  29.  $\mathcal{Q}$ .

Sept. 14. Tempeſt forced us to caſt Anchor,  $\mathcal{U}$   $\mathcal{Q}$   $\mathcal{F}$  in fine  $\mathcal{M}$ .

Die 16. *Iris*, Storm and Lightning, with gr. Rain and T. M. *Kyr.*  $\mathcal{U}$   $\mathcal{Q}$  in fine  $\mathcal{M}$ .  $\odot$   $\mathcal{F}$  prope *Aequatorem*.

Octob. 22. Tempeſt laſted 5 days, *Olear.*  $\mathcal{U}$   $\mathcal{Q}$   $\odot$  in fine  $\mathcal{M}$ .

1637. Sept. 1. Terrible Floods in Eaſt *Frieſland, Kyr.*  $\mathcal{U}$   $\mathcal{Q}$  in princ.  $\mathcal{Q}$ .  $\odot$  in  $\mathcal{M}$ .

1638. March 7. Very great Tempeſt nocte, *Olear.*  $\mathcal{F}$   $\mathcal{U}$   $\mathcal{Q}$  in  $\mathcal{M}$ .  $\mathcal{Q}$  ſtat.

Die 17. ad 24. T. M. in *Calabria, Kyr.*  $\mathcal{A}$   $\mathcal{U}$   $\mathcal{Q}$  in  $\mathcal{M}$   $\mathcal{Q}$ .  $\mathcal{Q}$  ſtat.

Note it laſted a Week, in which time the  $\mathcal{D}$  affects all the Planets concerned, It excepted, for it oppoſes  $\mathcal{F}$  die 17, 18, it opp.  $\mathcal{Q}$ . die 19, 20. It joyns with  $\mathcal{U}$  the next 3 days, and opp.  $\mathcal{F}$  and the laſt day it joyns with  $\mathcal{Q}$ , the  $\mathcal{D}$  is on the ſame place here, as it was at the laſt Earthquake in the Year 1636. on Sept. 16.

May 3. *Aſcenſion Day, Wallingford Church* fired by Lightning, *Wilsford.*  $\mathcal{F}$   $\mathcal{U}$   $\mathcal{Q}$  intragr. 9.  $\mathcal{U}$   $\mathcal{Q}$  in  $\mathcal{M}$ .

June 3. P. L. M. in *Calabria* again, with Thunder,  $\mathcal{F}$  in  $\mathcal{Q}$  opp.  $\odot$  in Tropic. year 16 opp.  $\mathcal{Q}$  at 20 gr. diſtance.

1639. May 13. *Olear.* At Night the Wind ſo violent, as if the Elements were near the Reſolution into their firſt Chaos,  $\mathcal{U}$   $\mathcal{Q}$   $\mathcal{F}$  in  $\mathcal{M}$ .

Sept. 23. T. M. in *Italy*; *Kyr.*  $\mathcal{U}$   $\mathcal{Q}$  circa princ.  $\mathcal{Q}$ . Here note the Fixed ſtars that are concerned,  $\mathcal{F}$  opp. the *Pleiades* and  $\mathcal{U}$  the *Hyades*. So did  $\mathcal{U}$  opp. the *Pleiades* in an Earthquake, Dec. 19. in the year before which we willingly omitted, becauſe there was no other notable Circumſtances concerning  $\mathcal{U}$ .

Octob. 15, 16, 17. Very great Heats, *Lit. S.* 16.  $\mathcal{U}$   $\mathcal{Q}$  in  $\mathcal{Q}$ .  $\odot$   $\mathcal{F}$  in  $\mathcal{Q}$ . *Olear.*  $\mathcal{U}$   $\mathcal{Q}$  in  $\mathcal{M}$ .

Oct. 21. Great Fire Chafme, *Kyr.*  $\mathcal{F}$  8,  $\mathcal{U}$  16.  $\mathcal{Q}$ , add  $\mathcal{Q}$   $\mathcal{F}$  in  $\mathcal{M}$ .

Die 24. *Chafma, Kyr.*  $\mathcal{F}$  8.  $\mathcal{U}$  18.  $\mathcal{Q}$ .  $\mathcal{Q}$  in  $\mathcal{M}$ .

Octobris menſe, Inundation, *Kyr.*  $\mathcal{U}$   $\mathcal{Q}$  in  $\mathcal{Q}$ .  $\mathcal{Q}$  in  $\mathcal{M}$ .

Dec. 6. A S term, *Olear.*  $\mathcal{U}$   $\odot$   $\mathcal{Q}$   $\mathcal{F}$  in  $\mathcal{Q}$ . Die



Die 24. A dreadful Tempest, inſomuch that 24 Ships cut off their Maſts being in the Downs, Olear. ☉ ♀ in ♍. 4 ♀ in ♌. ♀ Stat.

Die 27. Lambeth. A Violent Tempest, that many of the Boats which were drawn up to Land at Lambeth were daſht in pieces; the Shafts of Two Chimnies were blown down upon the Roof of the Archbiſhop's Chamber; one of the Pinacles of Croydon Church was blown down; and another at Canterbury. Dr. Heylin's Hiſt. Presbyt. and R. B. S. pag. 64. & 65. 4 ♀ circa Trop. h ♀ in ♍.

1640. June 12. Iris. ♂ 4 ☉ ex una parte, ♀ ex altera.

Die 26. Thund. Wolkenbruck, Guſts and Cataracts, ♂ 4 ♀ ♀ in Trop. Add h ♂. This Rule holds for Floods, for the like comes again in a Fort-night:

1641. Jan. 25. Thunder. ♍ 25, 4 21, ♀.

Feb. 7. Auſter Validus & Frigidus, ♍ 29. 4. ♍ 6. ♀.

Aug. 24. ad 31. Much Rain, with Thunder and Lightning. } ♂ 4 ♀ in  
Die 29. Iris. Sept. 18. vesp. Lightning and Rain. } princ. ♍ & ♌

1644. Octob. 1. Flood in Spain, m 12. ♀. II O. 4.

Nov. 17. Parelia tria Londini. } m 15. ♀. ♂ 25. 4.

Die 18. Snow and Storm.

1645. July 3. Thunder, Hail and much Rain, 4 II 21. ♀ in princ. ♍.

Nov. 15. Diſeaſe in the Parliament Army near Exeter, died 7, 8, 9 on  
a day, Sprig. ♍ 4. 4. 8. ♀.

1646. May 4. Harmful Thunder, ♀ 15. II. 4 5. ♍. Add h ♀ in ♂.

Die 20. Iris, T. M. in Apulia & Calabria. II 20. ♀ ♍ 12. 4.

1646. June 23. Terrible Thunder, II 20 ♀. ♍ 16. 4. add III in ♂.

July 24. Great Current, gr. Meteors ab occ. in or. 4 ☉ ♀ in fine ♍.

Die 11, 12. Thunder, ♍ 17. ♀. 20 4. 28. ☉.

Aug. 10. High Wind and a very great Sea, ♂ 4 ♀ in ♍.

Die 17. Marſeilles, Lightning kill'd 3 Men in the Port, ♍ 27. 4 24. ♀.

1647. Sept. 29. Marenburg in Perſia, Comet, Hevel. m O. 4 28. ♀.

1649. Feb. Fire reported ſeen at Briſtol, and it rained Blood at Glouceſter, ♂ 4 ♀ near the Equinox; add ♂ ♂ 4.

I ſhall make no Affidavit to the Truth of the Report, I well remember I thought it not impoſſible in ſuch prodigious Regicide times to put us in mind a little of what we are guilty. The Aſpect, I'll tell ye, favours the Affirmative: For the like Inſtance we have met before, A° 1568. But we ſhall ſee of this Nature hereafter.

1650. Apr. 29. Formidable Thunder and Rain near Leiceſter eſpecially, Wilſford. ♂ 29. ♀. II 2. 4. add ♂ ☉ ♀ in ♂.

Dec. 10. Northampton, T. M. Calviſ. Appendix. 4 ♀ ☉ in m 28. ♌ II. &c.

1652. Comet about Orion's Buckler and Shoulders, ♂ 4 ♀ ☉ in ♍ & ♍. add ♂ 4 h. 12. years hence you will have the like, A° 1664. a Sign that 4 is one that belongs to the Mint. See in 4 ♂. Some there are that have thought it is the ſame with that in 1665. Tranſact. p. 18. That is to ſay, as the Thames is the ſame River which it was twelve year ago, no otherwiſe. They may as well ſay Earthquakes too, at ſuch a diſtance are the ſame.

1655. May 1, 2, 3. Exceſſive Hot, 4 ♀ in ♍, &c.

1656. May 20. Rain'd Wheat at Eardington near Oxford, of a Blew Varniſh, and a Sulphurious taſt. ♂ 4 ☉ ♀ ♀; add ♂ h ♂. This I ſaw, and the like we meet with elſewhere.

Octob. 17. Tempeſt of Wind, ♂ 4 ♀ ♀.

1657. July 18. South Ley in Oxfordſhire, a Man ſlain with Lightning, ♂ 4 ♀ in Trop. ♂ h ♂.

1658. June 4. Violent Showrs, ♂ 4 ♀, &c.

July 19. Frequent Meteors, ♂ 4 ♀, add ♂ ♂ ♀.

1660. Octob. 3. At Hull 2 m. A great Sheet of Fire S E. it grew *Light*, that they could read a small Print half an hour, *Annus mirab.* ☿ ♀ in ♌. This (I suppose) is what the *Germans* call a Chafine.

Die 30. In Hertfordshire *Celum Ardens*, *Annus Mirab.* ☿ ♀, add ☿ ♀.

Nov. 11. Rain, High Wind and Hail frequent, ☿ ♀, add ☿ ☿.

1661. April 11. Frequent Lightnings and Meteors, ☿ ♀.

Sept. 29. Sad Rain and Inundations in *Severn*, ♀ ☿ in ♌, ♀ ad fin. ♀.

*Transact.* 2067.

Octob. 11. Houfe burnt by Lightning, ☿ ♀ ☿.

1664. June 7. Harm done by Lightning near *Charing Crofs*, ☿ ♀ ☿. ☿ ☿.

Die 19. Great Thunder and Hail 2 p. ☿ ♀ ☿.

1666. July 31. Clouds riding against the Wind, proved a Storm of Rain and Thunder, ☿ ♀ in ♌.

1668. Dec. 17. Hail, Rain, Thunder, Lightning, ☿ ♀.

Die 18. Rain all Night, Clouds in the Morn. ☿ ♀.

1669. July 10. Drought, so in *France*. ♀ in ♌, ☿ ☿ ☿ in ♌.

Dec. 24. A most noted intolerable Frost this, and the day before, ☿ ♀ ☿.

1670. Jan. 7. Harmful Tempest about day break, SW. ☿ 8. ♀ 10. ☿ 23.

July 7. Heat, Sickly Time, Feavers, Sly. ☿ 26. ♀ 24. ☿. ☿ and ♀ in princ. ☿. ☿ Retr.

8. Dash of Rain and Thunder 2 p.

11. Iris. gr. Showr 6 p.

15. Cold, dashing 5 p. SW. ♀ ☿ 28. ☿ ☿ princ. ☿.

18. Lightning nocte. ♀ ☿ 29. ☿ in princ. ☿.

1671. Jan. 17. Very Tempestuous night and day, ♀ ☿ opp. ☿ ☿ ☿.

22. Tempest of Wind ante lucem, idem Aspect.

1675. June 1. Thunder near *Windsor*, ☿ 13. ♀ 11. ☿ 20. ☿.

12. Much Rain a 9 p. ad 12. ♀ ☿ intra gr. 20.

1677. Jan. 1. Frosty, Hundreds pass over the *Thames*, ♀ in princ. ☿ gr. 9. dist. a ☿. ☿ gr. 19.

1678. Jan. 18. Tempest of Lightning, Thunder, and Hailstones very large. *Narrative*. So at the *Downs*. ♀ ☿ 2. ☿ intra gr. 10. ☿ in fine.

Die eodem. 17 Men struck with Lightning a Shipboard at *Cowes* by the Isle of *Wight*.

Die 31. *Falmouth*, very tempestuous, ♀ ☿ princ. ♀ Retr.

1678. *Septembris fine*, Inundation, *Transact.* p. 9. ☿ ♀ ☿ ☿.

1679. April 6, 16. News of an Earthquake in *Piedmont*, a Town called *Rosia* sunk into the Earth, about a Hill. Two Persons of 200 escaped, *Gazet.* 1401. ♀ ☿ in fin. ☿.

April 15. Comet. ♀ 21. ♀ ☿ 5. ☿ 16. ☿ ☿.

1680. March 23. *Vesuvius* throws out Fire and Stones. ♀ 13. ☿ 26. ☿ ☿ 27. ♀ 13. ☿. Both ☿ and ☿ within the Bounds that I assign for Influence on these great Products.

April 9. News from *Smyrna* of a T. M. which overturned a Hill, and overwhelmed a Village, ♀ ☿ in fin. ☿. ☿ in princ. Here say I, our Planets had a hand in both Earthquakes, or neither.

1680. Nov. 21. Comet, ♀ in ♌ opp. ☿ ☿ in ♌.

1681. March 27. High Wind, Cold, Snow 7 and 8 m. Winter Weather, ☿ 11. ♀ 11. ☿ 26. ☿ ☿.

Apr. 1. *Roma* Septentrion. versus Cometa major lucidiorque nupero. ☿ 11. ♀ 12.

April 16. Halo circa Solem, cum aliquibus minoribus Iridum instar. *Extraord.* Relat. Numb 35. ♀ 15. ♀ 22. ☿.

Die 22. Ex inferiore tractu *Albis* Ruricola queruntur ex anni siccitate, grandem *Scarabeorum* invalescere numerum, qui delicatum *Arborum* florem atradit. *Diocesis Bremensis* tristis conqueritur, de inusitato murium Numero, qui segetem

U u u

radi-

*radicitus abradunt. Relat. Extraord. Num. 32. II 16. 4 29. ♀. 4 in II is apt to bring a Drought.*

*May 1. One slain with Lightning at Stepney. II 18. 4. ☉ 6. ♀.*

*Die 3. Lately T. M. in Zealand, and Star extraordinary for 3 Nights, II 19. 4. ☉ 7. ♀.*

*Die 5. This Night following a general Blite which blited all the Walnut Trees.*

*Die 22. At St. John's Town in Scotland, unusual Hail, Rain with Thunder, T. M. for a quarter of an Hour. Benskin's Intelligence. 4 23. II 11. ☉. opp. by ♀ in 7. Yea, add h 4.*

*Some few Additionals.*

*1527. May 27. Heidelberg, the Old Castles Magazin fired with Lightning, Lyc. II 28. 4 13. ☉. ♀ ☉ ♀ in princ. ☉.*

*1542. Aug. 5. Lat. 41. West-Indies, a Tufon from the South, the Winds, Rains seeming more than Natural, we threw all into the Sea, cut both our Masts overboard. Our Bark next day split on a Rock. Purch. III. 263. 4 29. m 16. ♀. not without h and ♂ in m.*

*1655. May 17. In Thuringia and elsewhere, a Floud so Famous, that the Writer Lyc. in his declining Age reckons it thrice, deceived, I suppose, by the Variety of the Places from whence the News come. ☉ in princ. II. ♀ in fine, 4 in princ. ☉.*

*1557. June 2. Yarmouth, Tempest and much Rain, Jenkinson in Hakl: 334. v 4. 4. II 6. ♀ 20. ☉ 23. ♀.*

*1589. October 9. Tercera, 11 Ships sunk by foul Weather, the rest scattered by a Storm. Purch. IV. 1673. 4 4. 4 25. ☉ 28. ♀.*

*1591. Apr. 17. I saw four great Spouts in the Afternoon, but thanks be to God they came not near us, Hakl. 132. 4 in m opp. ☉ ♀ in ☉. not without h and ♂ in a Tropical opp.*

*1596. May. Foul Weather, Drake in Hakl. 3. 589. 4 v 25. ♀ in princ. ☉.*

*1597. June 5. St. N. Foul Weather, with great store of Hail and Snow, near Nova Zembla, Purch. III. 536, ☉ 28. 4. II 2 ♀, 12, ♀ 14, ☉. Add h ♀ in fine 2.*

*1599. May 27. WhitS. Great Rain and high Winds. Stow. ☉ 9. ♀ 20. 4.*

*1601. Sept. 10, 20. Encountred with a Terrible Tempest, Purch. III. 712. 4 2. 4. m 7. ☉ 24. ♀.*

*1627. April 18. Thunder, Rain, Kyr. 4 ☉ ♀ opp.*

*May 5. Rain and Thunder, Kyr. 4 ☉ ♂ opp.*

*7, 8. Thunder, Rain, 4 ☉ prope Pleiad.*

*21. Thunder, Rain, Wolkenbruck, 4 ♀.*

*30. Thunder and Rain, Kepl. m 23, 4. ☉ 5. ♀.*

*June 5. Thunder and great Rain, 4 ♀ ♀.*

*13, 14. Thunder, and Grofs Wasser Schlag, 4 ♀ ♀.*

*1628. June 20. Storm, Wind, 4 ☉ ♀.*

*22. Rain nocte tot. 4 ☉ ♀ ♂.*

*24. Thunder and much Rain, 4 ☉ ♀.*

*Nov. 30. Much Snow, 4 ☉ ♀.*

*Dec. 7. Much Rain, 4 ☉ ♀ ♂.*

*1629. June 21. Thunder and Lightning. 4 ☉ ♀ ♂.*

*1630. Aug. 21, 22. Thunder and much Rain, 4 ☉ ♀.*

*1634. July 13, 14. Rainy, 4 ☉ ♀ ♂.*

*1635. June 24. ☉ 29. Stark Rain and Thunder, 4 ☉ ♀.*

*1637. Octob. 6. Stark Rain and Thunder nocte. 4 ☉ ♂.*

*1638. Sept. 20. Stormy and Rain, 4 ♀.*



26. Much Rain *Through* and *Through*, says the Dutchman, Kyr.  $\mathcal{U} \text{ } \odot \text{ } \mathcal{V}$ .

30. Much Snow,  $\mathcal{U} \text{ } \odot \text{ } \mathcal{D}$ .

Oct. 6, 18, 20, 21. Stormy.  $\mathcal{U} \text{ } \odot \text{ } \mathcal{V}$ .

§ 1. So have ye our Forein Diary, with some glances by the By of several Instances, perhaps not unworthy Consideration; now that the Reader may see we are in earnest; let him be pleased to trace this Diary by these Steps; the leading Aspect is  $\mathcal{U}$  and  $\odot$ ; here you find Storms, Aug. 4 1588.

§ 2. The next Step is  $\mathcal{U} \text{ } \mathcal{V}$ , here we find Storms, A° 1548. 1549. April 10. 1610. Feb. 1. 1616. Jan. 16, 1618. July 14. 1626. Sept. 15. 1636. July 5, 7, 8, 10. 1638. March 7. 1639. Dec. 27. 1646. Aug. 10. 1660. Nov. 11. In Number 15.

§ 3. The 3d. step is  $\mathcal{U} \text{ } \odot \text{ } \mathcal{V}$ ; here we find Storms, 1655. Nov. 7. 1636. Oct. 22. 1639. May 13.

§ 4. Next comes  $\mathcal{V}$ , and he makes some busfle too. First, with  $\mathcal{U}$  alone, as may be seen, A° 1525. 1529. Feb. 4. 1558. June 9. 1601. Aug. 14. 1641, Feb. 7. 1638. Sept. 20.

§ 5. And yet more busfling with  $\odot$  and  $\mathcal{U}$ . A° 1501. 1527. July 1. Once or twice, 1549. A° 1555, and twice in Novemb. 1556. Once in Jan. 1558. then in 1576. 1580. June 6. A° 1587. July 12. 1588. Sept. 2. 1589. Feb. 24. 1590. Sept. 15. 1606. Aug. 4. 1609. May 26. and Nov. 19. A° 1626. Dec. 17. 1636. Aug. 7. 1630. Jan. 7.

§ 6.  $\mathcal{U} \text{ } \odot \text{ } \mathcal{V}$ . Now this is according to our Doctrine premis'd, Congress of many Planets in one Sign, Chap. 13. § 3. And who knows but the Planet may be termed,  $\Delta \text{ } \mathcal{V} \text{ } \mathcal{U} \text{ } \odot$  upon an audible account from his raising of Winds (in these Circumstances) as Iris is a messenger upon a more Visible account. Some good Learning may be produced to back this Fancy, but we pass it, and take notice, that if  $\mathcal{U} \text{ } \odot$  and  $\mathcal{V}$  raise Storms, wet or dry, before  $\mathcal{U} \text{ } \odot \text{ } \mathcal{V}$  and  $\mathcal{V}$  will raise their Tumult. A° 1539. Dec. 17. 1541. Feb. 19. A° 1555. 1639. Dec. 6. & bis in Jan. 17. 1671.  $\mathcal{U} \text{ } \odot$  and  $\mathcal{V}$  § 5. out-does the rest you see, and the next is  $\mathcal{U} \text{ } \mathcal{V}$  in § 2.

§ 7. Further,  $\mathcal{U} \text{ } \odot \text{ } \mathcal{V}$  and  $\mathcal{D}$ , Five of the Planetary Confort, cannot be wanting to disturb the Air, as A° 1502. 1576. Sept. 7. 1589. Aug. 17. 1639. Dec. 24. Nay they would do more than any Congress yet mentioned, but that Reason tells us, that Four or Five can't agree to meet, so easily as Two or Three can.

§ 8. Other Mixtures there are, which must not be thrown away: as  $\mathcal{U} \text{ } \mathcal{V}$ , 1629. June 14.  $\mathcal{U} \text{ } \mathcal{V} \text{ } \mathcal{D}$ , 1596, &  $\mathcal{U} \text{ } \mathcal{V} \text{ } \mathcal{V}$ , 1636. July 30. Sept. 7. bis. 1656. Oct. 16.  $\mathcal{U} \text{ } \odot \text{ } \mathcal{V}$ . 1599. Aug. 10.  $\mathcal{U} \text{ } \mathcal{V} \text{ } \mathcal{D}$ , 1549. 1567. Sept. 7.

§ 9. Now seeing we have allotted the Preeminence, where 'tis due, we may consider the Aspects promiscuously; since they all agree in Turbulency and Storm. Here, blowing Men overbord, breaking their Fore-yards, Main yards, and in dispersing Fleets, which too often never meet. Storms that throw down Spires of lofty Towers, A° 1529. Tempest that Roots up Trees. Sept. 7. 1567. and demolishes Houses a Kingdom throughout, 1627. That makes poor Mariners yield themselves to Mercy, when they ly a Try, as they call it, a drift, I think they mean, not able to maintain a Sail, 1609. Tempests threatening a Resolution of the Universe into the Old Chaos, 1639. such things will be, notwithstanding  $\mathcal{V}$ 's dwarf Stature, and the others Smooth face, sometimes take place.

§ 10. There is a Hurricane or two would not be passed over; One French, Three English, A° 1567. Sept. 7. 1576. 1601. and the Lambeth Hurricane. For the First, we have heard of it before in  $\mathcal{U} \text{ } \odot$ ; now, in  $\mathcal{U} \text{ } \mathcal{V}$ , not without  $\mathcal{V}$ . For the 2d. we shall find it in  $\mathcal{U} \text{ } \mathcal{D}$ , which then it seems could do nothing without  $\mathcal{U} \text{ } \mathcal{V}$ . March 7. 1576. The Poor Miller, which in the 3d. Hurricane had  $\mathcal{U} \text{ } \mathcal{V}$ , with  $\odot$  and  $\mathcal{D}$  to Divorce his Millstones.

Febr.

Febr. 1601. Add that dreadful one in *Bohemia*, A° 1627. Dec 27.

§ 11. But the *Ominous* Tempest at *Lambeth* A° 1639. was the first that convinced me, that there may be Hurricanes even in *England*. I have trepass'd against some learned Men, who will admit of no such Heathen Trumpery, as an *Omen*. But I speak the Sence of the Learned Reporter who was an excellent Historian, and may be, made as much use of it as another. Yet our business is to assign the Cause, which we say, (as far as it is to be discours'd of here) was ♀ and ☿, super-added to ♃ and ♄. No other Conjunctions are near. A great Instance of the Imperfection of that Astrology, which reduceth all to Partile Aspects; when, the Lunar excepted, there is not a Partile Conjunction or Opposition within 3 Weeks on either side. But, according to our Hypothesis, if there can be no Storm of the most inferiour rate, without a meeting, (besides ☉ and ☿, for they are ready at all times) I was going to say of the Superiors, one or more, either with themselves, or with the Inferiours, within Thirty degrees. You may guess: that an Astrologer has enough to do in a Large and Noble Field, such as (to Prophecie for once) joyned with good Literature in after Ages may be valued. If this be an excursion, let it be pardoned, *Proviso*, that we remember that our Planets have the great hand in this remarkable Tempest, as will infallibly appear by the Moons place, where? But in Opposition to them Both. In what Signs? In ♊ and ♋. And have I not desired our Gentle Objectors but lately, to study the Sign ♊? Doth not the more gentle Reader remember those Arch-Birds have been often brought before him for Riot and Tumult?

§ 12. As to the Rains and Flouds, which appear, we impute them as we do the Winds, to our Aspects, not simply, but under such Circumstances met. 1. Such as A° 1551. May 17. before *Whitsunday* at *Kitting*, *Chesefort*, *Rottolsee*, &c. Lyc. 613. ♊ 23, ♄ 3, ♃ 3, ♃. Jan. 13. 1569. at *Lovain*, ♃ ♄ Tropic.

2. A° 1599. May 27. *Whitsunday* Great Rain and High Winds, *Hows*. ♄ 9. ♄ 20. ♃.

3. A° 1636. Jan. fine, the *Dutch* have it *Grofs Wasser Fluch*, *Kyr. Fromond* speaks of one in *Spain*, in Febr. ✕ 1, ♄. ✕ 1. ♃. So Sept. 1. 1577. in *East Frisland*, &c.

§ 13. But Oh the Spouts, the Cataracts, 1591, April 17. 1627. May 21. & Aug. 14. the *Dutch* call them *Wolkenbrucks*. What groveling Philosophy can give an account of them? Who dares venture on them? 'Tis enough to make a *Peripatetick* confess the shortness of his Notions, enough to break a *Novelist*; especially in those at Sea, where the Water is seen to run up in a Body through an Airy Cylinder, as if it were one of *Archimedes's* Engines. Who says 'tis done with a Whirlwind, may speak Truth, but doth not cease to wonder, I hope. For if a profound Vortex of Air by its Force, though not by its Density, can prop up a Lake of Waters in the Atmosphere, how can it insinuate it self into the Profundity of the Sea, to bear up such a quantity into its unnatural place? But I answer, 'tis an *Immense* Force, for so we read at home, as well as in *France*, that Whirlwinds have torn up Trees; nay, and removed them; twisted the Trunks so torn, and folded up the Leaden Coverings of Churches. Is all this Natural? Who knows but it may, if it be Celestial? Now, A° 1591. April 17. our Planets are opposed: so are they again, June 26. 1640. not without ♀ and ♂, as the Table Confesses.

§ 14. This puts in mind to run over our Thunders, and here we find ♃ and ♄ to bring us about IX. years, viz. 1586. 1627. 1629. 1641. 1645. 1646. 1660. 1964. 1678. Then ♃ ☉ and ♄ do exceed a little, and bring us XI. 1528. 1519. bis. 1590. 1627. 1628. 1630. 1646. 1664. 1670. 1675.

While ♃ ♄ (odds though it be, Two to Three) bring XXII. viz. 1521. 1526.

1526. 1535. 1537. 1548. 1596. 1617. *bi.* 1618. 1636. turbulent years, and so on in the Table. But the reason of this Excess we have given, because  $\mathcal{U}$  and  $\mathcal{Q}$  meet oftner than  $\mathcal{U} \odot$  and  $\mathcal{Q}$  can; please you to see the other mixtures of  $\mathcal{U} \odot \mathcal{Q}$ , that brings us some murmurs, *As* 1627. 1681.  $\mathcal{U} \odot \mathcal{Q}$  bring us III. ( $\mathcal{Q}$  is always so near at hand, when  $\odot \mathcal{Q}$  meet.)  $\mathcal{U} \odot \mathcal{Q}$  bring us XI.  $\mathcal{U} \odot \mathcal{Q} \mathcal{D}$  as many,  $\mathcal{U} \odot \mathcal{Q} \mathcal{Q}$  IV. Wee'l tell you but one Story from *Hakluit*, (of which our Diary is silent, *Sept.* 18. 1591). of a Clap of Thunder at Sea, that slew Four Men outright, their Necks being wrung aside; and of 92 Persons not one untoucht, *Lancasters Voyage, Part 2. pag.* 104. This is what I called *Immane Force*, and I ascribe it to the *Immane* illustrious Bodies over our Heads. Here is not only  $\delta$  of  $\mathcal{U}$  and  $\mathcal{Q}$ . which may be, has got some repute now, but also an  $\phi$  of  $\mathcal{h}$  and  $\delta$ ; of which Complicate Congress you have had some late *great* Examples. This we do not to forestall that Aspect when it comes, but to prepare us for it, and to do some kind of Right to  $\mathcal{U}$  and  $\mathcal{Q}$ . I tell you t'other Story, from *Lyc. Feb.* 10. 1548. *In Saxonia Ignis Celestis visus in aliquot Urbes incidere.* Here is the same accident, a  $\delta$  of  $\mathcal{U}$  and  $\mathcal{Q}$  again, seconded by an Aspect of  $\mathcal{h}$  and  $\delta$ ; the last was on  $\phi$ , and this a  $\delta$  Firing of Magazines is ordinary; we have 4 or 5 Instances.

§ 14. Our Eyes opened by such Instances, made me affirm that  $\mathcal{U}$  and  $\mathcal{Q}$  carryed Lightning in their Faces. They have a Nitrous Aspect, which helps to the quickness of the Flame, especially  $\mathcal{U}$ ; for  $\mathcal{Q}$  seems to have a more unctuous Creamy Flame; as I fancy in the Brighter Trajections, while the Smaller Meteors look red and coalish, but no Trajection methinks resembles  $\mathcal{U}$ .

§ 15. I am not engaged to discourse the Thunderball which entred the Church, nor of the remarkable Chance, that at the Very time, the Discourse of the Doctor was concerning Spirits. The Vulgar are apt to make wrong Consequences from such Premises. Divine Wisdom had reason so to do, it may be, to convince some *Sceptical* Auditors from such coincident Circumstances.

§ 16. More is it to my purpose, to desire you to observe what *Dr. Dee's Ephemeris* tells us, That the *Fax ardens* was seen under  $\mathcal{U}$ , of the same *Altitude* (in respect of the Horizon) and *Longitude*. 'Tis a great Note, and I have often observed the like to my great satisfaction and conviction, without any *Item* given from the Annotation. Where note that the distance of  $\mathcal{U}$  and  $\mathcal{Q}$  at that Meteor, *Mira Longitudinis*, as he calls it, was Cometical; the same I mean, as is found oft-times, when Comets are produced; because we are next to speak of *Them*.

§ 17. Now least any should think the Distance of our Planets, here observed, is unreasonable wide, I shall offer an Instance in *Feb.* 7. *St. No.* 1617. where  $\mathcal{U}$  and  $\mathcal{Q}$  are 28 degrees distant on the day when it Lightened, and a great Fireball is noted by *Kepler*: and answer, I should have thought so too, but that I find again in *Feb.* 12. 1641. a Thunder, noted when  $\mathcal{U}$  was in  $\nu$  29. and  $\mathcal{Q}$  in  $\approx$  15. I acknowledge This is not so wide a distance. But do not the Winters Thunder in the same *February*, near the same day in the same Signs, though not quite the same distance, argue somewhat for us? It must needs do so. For  $\mathcal{U}$  and  $\mathcal{Q}$  are found in these Signs but once in Twelve year, and twice in 24 year; we find such Positions to Thunder in *February*. Is there no Contribution then toward such an unseasonable Tumult? Never let us distance it; no, not at the Distance of 28 degrees, since 'tis the same distance as is noted for Turbulent, under the Notion of One Planet at the entrance of a Sign, and another at the *Globe*: Yea, note again a good time that  $\nu$  and  $\approx$  in *February*, as  $\nu$  and  $\mathcal{U}$  in *August*, are Positions disposing to Thunder, Witness one Evi-



dence more from *A*<sup>o</sup> 1649. in the Thunder at *Mechlin*; that *Mechlin* which is noted twice for the same Meteor in our Table.

§ 18. But what shall we do for the III. *Corpo Santo's*? for I shall with the Vulgar Mariner abroad, take them to be Saints too, but for the Dimness of their Light, and perhaps their Superfluous Number, if there be no Natural cause for them, more than the working of the Ship, and the Pitchy *Effluvia* of the Board and Tackle; for then in all mighty Storms they would be conspicuous, and so disabuse the distressed Seaman from his Superstition, but seeing 'tis not so, there is some more secret disposition of the Air toward the Generation of such Lights. I am willing perhaps to reduce it to other Aspects; but when I observe the Situation of our  $\delta$  in  $\kappa$  and  $\pi$ , I cannot exclude our Configuration. Some Observers, nicer than I, would take some notice of an Instance of *Harmless* Thunder, Great yet *Harmless*, *A*<sup>o</sup> 1589. And again, *Harmless* Earthquake. Well fare the Principle, say I, that will give Light to Mortal Eyes in this Affair! Observe 'tis a  $\delta$  first, which is less Violent than an  $\phi$ . Secondly, 'tis in *Solitary* Aspects, for when others are in place where, Thunder is *Harmless*, as in *May* 4. 1646. But what it may be more, I promise nothing, for *Terceira's*, and other places sakes. See *Obs.* 2. 1589.

Now for Comets. § 19. How? *Stella Nova*, *A*<sup>o</sup> 1572. among them? Do we make no more of it then than so? As before *p.* 313. that's a new Device, and a bold one. *Ricciolus* is more wary, who treateth of them apart with greater Caution; I answer, He doth well, and so do others it may be. But who can help it, if a new Star degrades it self so far as to appear in the company of a Meteor: He must stand to all hazards, and come by some disgrace thereby, unless he hath somewhat to shew of a higher Original: Even the case almost of the *Goose* and the *Swan*, if the *Swan* can shew no more than a longer Neck, He may be taken for the same Species. Thereabouts lies the Decision.

§ 20. But before we come to this, let me separate the Meteors, the Comets, I should say, of this Table, into two sorts, e'rewhile upon a  $\delta$ , otherwhile upon an  $\phi$  of our Planets; perhaps the new Star in *Cassiopeia* will make some amends for the Readers Patience. Go to then: The First Conjunctional Comet noted, happens to shew it self in  $\alpha$ , and tend to  $\pi$ . *A*<sup>o</sup> 1506. Comets with us, and with every man else, are nothing but the *Effluvia* of the Planetary Bodies, at such times, and at such Positions, as are apt to make such Impressions. And say from our Table; Is not our  $\delta$   $\mu$   $\delta$  in the Sign  $\pi$ , *Grad.* 13. & *Grad.* 20.  $\mu$ . Shall we before the due time give you the whole of this Comet where the Star first appeared; We shall but betray his Original, for  $\odot$   $h$  and  $\gamma$  are in  $\alpha$ ,  $\mu$  and  $\eta$  in  $\pi$ ,  $\delta$  in  $\pi$ , an intermediate Sign. Are we not taught that the Comets passed from III. Planets to II. then as the *Train* lay, from  $\alpha$  to  $\pi$ . And did it not first shew it self *Aug.* 8. when the  $\gamma$  came to fortifie  $\delta$  by Opposition? You will say I ascribe it to *All*; very good: and therefore I prove it of each. At present of  $\delta$   $\mu$   $\eta$ , and that in  $\pi$ . Now this Comet appeared upon *Conjunctions* mostly, but one *Opposition*, and that *Lunar*. It comes into my head, that these Conjunctional Comets, generated by *meer Conjunctions*, I say, for the most part are but short liv'd. This lasted but its Week.

Now, if any, not exercised in the Doctrine of the Sphear, should ask me how this Meteor should be seen, being in the same Sign with  $\odot$ , the Globe will inform him, that though the parts of the Sign near the Ecliptick, or the  $\odot$ 's place, set with the  $\odot$ , yet in the Horizon of *Europe*, the more Northern parts nearer the Ecliptical Pole, never descend under the Horizon. A great *Notandum* for those who take Pleasure, to observe the

Depen-

Dependants of these Meteors upon their Sources, the Planets, which very often are found to appear in the same Sign, as they do often in the Opposite.

§ 21. The next, *A<sup>o</sup> 1512.* of which we have no distinct account, only that it appeared in *March* and *April*; mark, if a  $\delta$   $\cup$   $\varphi$  doth not happen, and that in the Sign  $\times$ ; yea, was not the last in  $\pi$ ? Which every body knows is opposite to  $\times$ ; and therefore is in part the same (the two extreams being united in the Radiation.) Now if it lasted longer, my observation takes place here also, *viz.* that it is not a meerly Conjunctional Comer, since we find an Opposition of  $\odot$  and  $\hbar$   $\varphi$   $\varphi$ , as by the way, you may note, there was before  $\delta$  of the same  $\odot$   $\hbar$ , but  $\delta$   $s$  do not give so long date we have said.

§ 22. That of *1516.* brings not any particular account with it, and therefore cannot expect any from us. The general Truth is most plain, for 'tis not only a Single  $\phi$  of  $\odot$   $\cup$ ; but a Triple  $\phi$   $\cup$  to  $\odot$ ,  $\varphi$  and  $\varphi$  in  $\mathfrak{S}$  and  $\mathfrak{W}$ . And so let our Table be corrected.

§ 23. That of *1521.* in the Month of *April*, has an Opposition of  $\cup$  and  $\varphi$  in  $\pi$  and  $\mathfrak{Z}$ , and so it got into our Table. But the Place of the Comet consider'd, is said to be the end of  $\mathfrak{S}$ . And is not the Planet  $\delta$  at the entrance of the Month, at the end of  $\mathfrak{S}$ , and the beginning of  $\mathfrak{A}$  opposed by  $\hbar$ ? By the greater right therefore it seems to belong to that  $\phi$ .

§ 24. For that of *1527. Dec. 11.* noted by *Creusser* in *Gemma*. The Reader may guess what Faith we give to the report, when he shall find with us, that the same Celestial Causes are on Foot, as were found busie 11 years ago, *viz.*  $\cup$   $\phi$   $\odot$   $\varphi$  in  $\mathfrak{S}$  and  $\mathfrak{W}$ . But the Truth is, upon better Inspection, they allow this Meteor to be but of short continuance. And that Terrible Appearance to date it self in *Aug.* as perhaps we may see in  $\cup$  and  $\delta$ .

§ 25. For that which the Table takes notice of, *Jan. 18. 1528.* we have assigned it the same Original with that in the close of the last year, and truly the Illustrious  $\phi$   $\cup$  and  $\varphi$ ,  $\varphi$  *stat.* does highly perswade. But the Comet appeared in  $\times$ , Well and good; for on the 18th day  $\delta$  is as near the Fishes in  $\mathfrak{M}$ , as he was near the other Comet in  $\mathfrak{A}$ , *A<sup>o</sup> 1521.* Beside, Comets, as I take it, use to lodge between their Planetary Sires, as here between  $\varphi$  and  $\hbar$ .

§ 26. The next is that of *1532. Sept. 23.* which lasted to *Nov. 20.* That's well and particular; yea, to *Dec. 8.* says *Fracastrorius*; which according to *Appian*, who has described part of it, it began in  $\pi$ , and by *Oct. 14.* got into  $\mathfrak{A}$ , by the beginning of *Nov.* into  $\mathfrak{M}$ , a Star thrice as big as  $\cup$ . How many Proofs have we here of its Original, common to other Fiery Meteors? Which ought to be argued; First, from the Concomitants of such Appearances, as Inundations, &c. if we may believe the report of *Rochenback*. Next, from the  $\delta$   $\odot$   $\delta$  in  $\mathfrak{A}$ , at that time observed, not by us, but by the *Age* then in being, happening on the very Birth-day of the Meteor; and the Observation proves to be good, only (to accomplish it;) they should have said a  $\delta$  of  $\odot$  and  $\delta$  (Partile) and  $\varphi$  (Platique though he be) for Three Planets in  $\mathfrak{A}$ , as well as other Signs, *always* conduce; Then comes our Planets,  $\varphi$  in the beginning of  $\mathfrak{M}$  Stationary, and  $\cup$  toward the end, *viz.*  $\mathfrak{M}$  24. Who hath so good a Memory to remember that part of the Ecliptique which it respects, and what 'tis joyned with? And doth not *Appian's* Observation tell us, that beginning in  $\pi$ , it pass'd through  $\mathfrak{A}$ , and as far as the 3. of  $\mathfrak{M}$ . This was *Nov. 8.* within gr. 8. Longit. of  $\delta$ . Where would you have Comets to be? In the Mouths of the Planets? Is there not sufficient Neighbourhood betwixt the *Generant*, and *Generatum*? Trust me, our Planet  $\varphi$  runs back to a  $\delta$  with  $\delta$  in  $\mathfrak{A}$ , and holds

holds there till the 25 of *Nov.* the same are the Causes of Existence, and Conservation. But why should it begin in  $\pi$ ? I answer, 'tis well if I can guess why it should make hast into  $\pi$ , then, to  $\pi$ . I don't pretend to be a Reveler of all Mysteries. I have said that Comets us'd to be generated in the *mid* place, between the Planets. I consider'd, that Two hours before the  $\odot$  rise, the  $\gamma$  was the same Sign with  $\pi$ , as well as  $\delta$  in the same Sign with  $\odot$ . The beginning of  $\pi$ , where the Comet first started, is æquidistant from  $\S$  21. (the place of the  $\gamma$  at that time in the morn) and  $\delta$  with  $\odot$  on the other hand. For the expiration of the Comet, *Dec.* 8. consider that in the end of *Nov.*  $\delta$  and  $\S$  were scarce past that degree of  $\pi$ , where  $\gamma$  kindled it; but about *Dec.* 8. when  $\gamma$  and  $\S$  were past the Opposol of the *Hyades*, and  $\delta$  knocking off, there the Fewel fail'd. Yea, but this seems a Conjunctional Comet, and so by our Principle it should not last; I answer, I am not over-fond of that Notion of mine, and then I say it may be reckoned Oppositional, in respect of the Fixed Stars, *Pleiades* and *Hyades*, which carry a great stroke in the Nativity and Life of this Meteor, as any man who observes the Erratick Motions, may confels.

$\S$  27. The Comets of 1533. & 1539. we pass by, because they may challenge some other place; the first, an  $\phi$  of  $\pi$  and  $\gamma$ , the latter a  $\square$ . For *Appian* puts this last Comet Five days sooner, viz. *May* 6. If it be the latter, There are III. in  $\S$ .

$\S$  28. Then, *A<sup>o</sup> 1541. Aug. 21.* A Comet tayled like a Dragon, as our Author Phrases it; It seems to be of short continuance, we'll be as short with it,  $\gamma$   $\odot$   $\S$  in  $\pi$ , a Conjunctional Comet; the more Conspicuous is it, because the III. Conjunctions are all noted in the same Month.

$\S$  29. The Comet 1560. happening in *Dec.* not in *April*, points out a different cause from what is assigned in the Table, viz.  $\phi$   $\pi$  and  $\odot$  in *Trop.* Signs; but the more material I reckon to be the Interposition between  $\gamma$  in  $\gamma$  on one side, and  $\pi$  in  $\pi$  on the other. This, I say, I take to be the most material, although the Comet which lasted but 28. days may seem to expire at the Expiration of  $\odot$  and  $\pi$ , which according to our Principle, lasted to the end of the Month.

$\S$  30. Now for the year of Grace, 1572. and that great Star in *Cassiopeia's* Chair, the Wonder of the World then, while the Poets of the Age, *Beza* and others noted it for a *Second* to that Sacred Star which shone out to the Eastern *Magi*; and it still shines in Records, illustrated by the Noble *Tycho*, and discoursed of by all the Learned since, who love the Beauteous Theory of the Heaven over us. 'Tis this Star claims to know his Kindred, Family and Original; for we are far from believing it a Star of the first Creation, but of the same Descent and Linage, as other new Lights, whether it have a Train or no; Though who knows, as some ingenious Men have quæried, whether it may not have some Train upward into the *Æther*, opposite to the right Line which passes its Center? We know other Learned Cometographers do not reckon them amongst Comets; *Ricciolus*, *Hewelius*, because they wander not, but keep their Station like one of the Eternal Fixed. But if the Comets and New Stars have the same spreading Train, the difference of *Fixat* on, will be but accidental; Now That it was of the same Production, I shall not infer from those Attendants that usually accompany Comets, whether they be Droughts, &c. or distemper'd Airs, from *Gemma's* Cosmocriticks, and others, referring that to another place, but from the consent of the Learned, followed and confirmed by *Hewelius*, and from the Particular Evidence which I now introduce, while I advance  $\gamma$  and  $\S$ , their  $\phi$  noted about the 14. of *Nov.* in the Ephemeris; but it began, *Enquirers* say, at the entrance of *Nov.* or the end of *Octob.* So have we a *Platique* Aspect of 10 degr. distance, which



is no small advantage, and withal ♀ *Stationary*: For so I call it when it is Three or Four days in *One* degree; whether it be upon the *Reflex* or *Direct* Course; And was not ♀ in the same Circumstance (as ♀ also when time serves) in other Comets under this Aspect?

§ 31. The second Instance shall be concerning the *conservation* of Comets by this, and other Aspects hinted already; as in that we read of *A° 1511*. It began in the end of *May*; there's ☉♂ and ♀, III. in *II*, to kindle it; after the middle of *June*, peeps in the ♀ of ♃ ♀, ♃ being in *III*, and after *July's* beginning, (consonant to what we have already deliver'd) ♀ and ♀ draw near to a Partile ♂, and so the Comet expires.

§ 32. Let the next come for confirmation, *A° 1527*. seeing it lasted but an Hour and a quarter, it will not be much Trouble. Yea, but it was of no duration; the answer is, the Opposition was Partile; Partile ♀ or ♂ alone will not do, they have no *Life* in them.

§ 33. And what need we say after *A° 1572*. but that a few being behind, we must speak to them All. Truly 1618. is as Famous almost as 1572. Here in *Aug. 15. ad Sept. 15.* we find a Comet, which lasted about a Month. It began upon a near meeting of ☉♀, while ♃ exactly, I may say, opposed both; but *Exact* and *Partile* Aspects will not do, say we, without more *Lax* and *Wider-spread* Radiations to supply the Light or Flame of the Meteor; and These, Lo! agreeable to the Observations just now made, for ♀ is opposed by ♃ *ad grad. 28*. Distance, which is the measure of a Sign, the Distance of a *Providore*; who looks abroad into the Country for the supply of his Charge, seeing the Country forage neer home, will not maintain a Comet.

§ 34. The Sum for our Earthquakes we have in the precedent Table in these years, viz. 1508. 1539. at *Basil*, 1556. *Constantinople* which held Three days, and threw down the Church of *Sancta Sophia*. *A° 1569.* at *Bruxel*, with hoarse noise, strange Colours in the Air, some said, Spectres. 1580. in *London*, where it continued but one Minute. On the Sea Coasts in *Kent* extreme, felt 3 times, *hora 6, 8, 9.* *A° 1586.* *West-Indies* again, 1596. *Westram* in *Kent*. 1601. 1609. at *Nera* once, and again, *A° 1621.* *Burgundy*. 1626. in *Calabria*. 1629. Among the *Alps*. 1636. at *Norimberg*. 1638. in *Calabria* once or twice. 1639. in some other part of *Italy*. 1646. in *Apu- lia*. 1650. *Northampton*. 1679. at *Piedmont*. 1680. *Vesuvius* Flames. 1681. in *Zealand*, about XXI. in the Total. And is not That a great Total?

§ 35. Hence am I as sure as I write, that this Phenomenon, as great and Stupendious as it is, depends upon this Celestial appearance, ♀ or ♀ with ♃. Those who believe that Comets have Influence upon Earthquakes, which is an opinion hovering about, and bordering upon Truth, may think I believe no Improbabilities, since our Bright Planets ♃ and ♀ do not much ablude from some kind of Comets. Yet why should I trifle?

Is it not plain, that for severall years our Planets are both in the same Sign, what have we but a ♂ of ♃ and ♀, *A° 1609. 1679. 1645. 1680.*

In like manner a ♂ of ♃ and ♀, *A° 1530. 1639. 1681.* within the same Sign, I say, or within so many degrees, which is all one; and this with great Variety, some at a distance of 28. suppose, some 24. some 16. some at 8. some at 2. and I hope that will please our Partile Customer.

§ 36. But the ♀ out-goes the ♂, and there's reason for it; witness *A° 1569. 1580. 1636. 1638.* which is also visible in the Complications, for whereas there are but Three on the Conjunctual side, viz. *A° 1539. 1621. 1650.* the Oppositions are more, *A° 1508. 1556. 1580. 6591. 1626. 1628. 1629.*

For if ♃ and ♀, or ♀ have their Effect, it stands to reason as we have said, that ♃ ♀ and ♀ have something more. So these Earthquakes

may be reduced to their Classis, as well as the Storms and the Lightnings.

§ 37. Here I must note again, pursuant to what hath been said already in the like Notion, that in the  $\phi$ , the wider is the distance, (so it be within compass) the greater is the Disposition of Firing the *Subterranean Train* in the Earthquake, as before the *Ætherial Train* of the Comet. Therefore as it may be confess'd, an Earthquake should be produced at 5 degrees or 8 distance; so 'tis more than possible it should be produced at 14. gr. distance, as in the second Instance of  $A^{\circ}$  1580. or at 20 gr. dist. as in the *Kentish Earthquake*,  $A^{\circ}$  1596. And somewhat yet further, as the Enquirer into particulars will observe.

§ 38. We cannot define for certain which Sign of Heaven, or Months in the year are most apt to produce Earthquakes; Our Information from our Fore-fathers being defective, even as *Ricciolus* justly complains, about Comets, *part. 2. pag. 23, 24.* but this we say, that  $\varphi$  and  $\pi$  are sometimes remarkable; as may be seen in the *Carabrian Earthquakes*,  $A^{\circ}$  1626. and 1638. *July XI.* in both which years  $\pi$  and  $\varphi$  were so near the same Position, that a Candid Reader will startle at the Observation. For *how*? saith he, a 2d Earthquake at the end of 12 years, which is known to be  $\pi$ 's Period? Then 'tis likely that  $\pi$  is one of the Instruments of that Motion. And withal doth it happen, saith he, to be in the same place in both years? Then 'tis probable again that  $\varphi$  in such a degree of the Zodiack, conspiring with certain others, is endued with the same *motive* faculty.

§ 39. To see how Truth will justify it self, not only as to the General; that these *Tremors* of the Earth are imputable to the Heavens, but that these Aspects wherein we are at present engaged, are their Causes Efficient, for the News from *Naples* in the *Gazet. Octob. 1685.* the Instant on which I write, tells us, that *Sept. 23. Oct. 3.* their Mountain *Vesuvius* within these few days began to burp again, casting out Flames and Ashes with a Terrible noise, and the last moiety of the Month; What are the Aspects but a  $\delta$  of  $\pi$   $\varphi$  and  $\varphi$ ? Shall I gratifie our Friends *Les Scavans* in *Paris*, and so close this tedious discourse. 'Tis not much out of the way, they tell us that the City of *Paris* owns but two Earthquakes; the First, *April 6. 1580.* and the other *May 12. St. N. 1682.* In the first Earthquake,  $\odot$  and  $\varphi$  are at the end of  $\gamma$ , and  $\varphi$  is upon the *Pleiades*. In the Second,  $\varphi$  is at the end of  $\gamma$ , and  $\odot$  and  $\varphi$  very near the *Pleiades*. I could make an absolute Rule of it, but this place don't allow me to run upon the rest of the Parallel: In 102 years somewhat of the same Revolution may come about.

§ 40. Concerning the *Parelia*, though we shall see them happen under other Aspects, yet the Revolution of this Aspect, co-incident with the Variety of the Appearance, doth bespeak the curious to make further enquiry; we cannot here digress about the matter which reflects the Light, whether the Vapor be Dry, or Icy, as *Dej-cartes* justly imagines; only we say, the Lustre reflected is not merely Solar, but borrow from some other Astral Radiations; for though the Secondary Suns must by course of Nature be less brave and bright than the chief Luminary, yet it doth not always prove so, they say; Upon no other account sure, but upon that of other Luminous Bodies, which help to advance the weaker Reflexion.

§ 41. And such was that at *Venice*, of which *Cardan* gives an account,  $A^{\circ}$  1532. And who knows but Mathematicians may find, considering the Situation of the Suns in the Vertical Circle, that the brighter of the *Parelia* belongeth to  $\varphi$ , the other to  $\varphi$ ? Certainly  $\varphi$  and  $\varphi$  were much about the same distance from the Sun, One to the West, the Other to the East.

§ 42. That of *Jan. 2. 1586.* I have no reason to believe but that our *Opposition* was Influential. He who shall read *Rothman's* Description in *Fro-*

*mundus*, how close the *Parelia* lay on each side of the Sun, may probably suspect the near Conjunction also of  $\delta$  and  $\eta$  to help to such Impressions.

§ 43. That of 1550. seen in the Dutchy of *Brunswick*, finds  $\mu$  and  $\eta$  within 6 degrees one of the other; and if there be any thing in that,  $\mu$  in the same place now, where we found  $\eta$ , *A<sup>o</sup> 1532. & vice versa*, and  $\eta$  in the same place now, where we found  $\mu$ , 1586. interchangeably. Something there must be; for consulting my Notes, I found Clouds strangely colour'd with Rain-bow Tincture, May 15. in *Gem. A<sup>o</sup> 1556.* where  $\delta$  is in the very same degree, &c. but that belongs to the succeeding Aspect, it is true; yet we see how the Heavens will answer if they be spoke to.

§ 44. I confess I seem to talk at random, as Men are wont to do, that are arm'd with a strange Fancy, and lull themselves in a Security, that one will undertake the trouble of their Confutation. Yet I must needs own the further I go, I like my self the better. For the Instance of *Sep. 25. A<sup>o</sup> 1560.* where you meet with a *Parelium*, and a reverse *Iris*; what can I say different from what is said, when we shall contemplate *with*, or *without Gemma's* Figure,  $\eta$  and  $\odot$  newly risen together; to say nothing of  $\eta$ 's readiness to peep, and  $\mu$  setting in the *West*? Can this *Arcus* and *Parelium* arise from any other Concourse of Causes, It arises from the  $\odot$  alone the Ante-planetary will say; but *will* he, *nil* he,  $\eta$  is within 2 degrees of this all-doing  $\odot$ . Science must not speak vulgarly; the Shadow that my Body casts under a  $\delta$  of  $\odot$  and  $\eta$ , vulgarly would be called the  $\odot$ 's Shadow only, but exactly to speak it is not so; for 'tis known  $\eta$  can cast a Shadow by her self; But then why an inverse Shadow? I could speak to that, but I won't grasp too much. For the *Irides* our Foreign Diary speaks sufficient.

§ 45. I shall not please my self in speaking to the *Currents* under this Aspect, but shall refer it to a Further place. Only my Idle Head asks the question about the White Milky-Waters, what may be the Reason; and because, I confess, I have a Months' mind to impute its appearance to the Heavens. For First, it is but an appearance, though lasting for a Night or so; at Day Light it vanisheth. If it were any mixture of any Whitish Ferment, it would be senseless to think of an Ætherial Procurement. But the Field is too large for any such Mixture, the Ship being under Sail all the time of its Observation: hence there is no thinking of any such *Salvo*. We shall therefore consider next, whether this appearance is observed at any times more remarkable than others, as to the Heavenly Positions; and if that proves, we may next consider, whether it be Nonsense to say, That the Heaven may own such Effects on the Water, as it hath in the Air? The Sun can *Gild* the Clouds, and the  $\odot$  can paint them with a *Pale* hue: The others, we see, can make their *Brides* and *Halo's*; yea, help to the Colouring of a Solar and Lunar One. Why may not this *Whyeish* hue of the Water be an Impression from  $\mu$  and  $\eta$ , and others, analogically to the appearance of the *Halo*? As for the Position,  $\mu$  and  $\eta$  are extraordinarily circumstantiated, by relation one to the other, and by the Station of *Venus* each of the 3 days specified, *A<sup>o</sup> 1617.* Yea, *A<sup>o</sup> 1616.* I have met with the same appearance before,  $\mu$  and  $\eta$  not in  $\phi$  ('tis true) but in a  $\square$  Aspect, which is a chance that calls for our Attention.  $\mu$  and  $\eta$  have Brightness enough to make a *Nestiluca* of the Sea, and all agreeable to those Principles, which the *Notable* Author of that Discourse advanceth. We shall see further, it may be, and if I speed here, I shall begin to suspect that our Aspect might be the Cause of the Whiteness, the extraordinary Whiteness (for ordinary is not to our purpose, it may be) as some have observed long ago in Hail whiter than ordinary, which proves to fall under our Aspect. Howbeit to the Whiteness of the Sea, pray look back to what is noted in the Diary, *A<sup>o</sup> 1541.*

§ 46. What



§ 46. What we have to say of *Phasmes* and Apparitions in the Air, which we do meet with in unquestionable Records (whatsoever may be expected) we shall say but little. *Des-Cartes*, we see, ascribes all such Stories to the Fancies of Superstitious People, and so some other Learned of our Men who have followed him. But we, who heartily believe Spiritual Substances Good and Bad; believe, said I? Nay, we say in the *Name of Mankind*, we account the Evidence such, that whosoever resists it, while he denies Truth, confirms it; *Why so?* Will you say, Even because *Humane Nature* cannot, I think, acquire such a proud Antipathy to a *confess'd* beside *Divine*, Truth, without some black Veil cast over their Eyes. We I say, who admit these Substances, considering the report of *Heathen, Jewish*, and *Christian* History, can easily admit such appearances, as *Armies, Camps, Ships, Noises, Trumpets*, so far forth that the Truth is, They come not under our Cognizance, no more than other Pranks of *Demons* do, unless, as is confessed in *Lumacies*, the *Spirits* of the Air, who, (no disgrace to *natural Science*) are better Philosophers than our selves; know the *times* and *Seasons* fitted to their use by the admirable variety of the Course of Nature. And this I avow to be highly probable, as shall be made good in the Close of this Discourse. Here under  $\mu$  and  $\varphi$  we meet with that of July 19. 1550. seen at *Trebinium* in *Saxony*, not far from *Wittenberg*, Armies and Noises heard, with Bloud spilt; *Lycosth. Fincelius*. Our Aspect, beside that of  $\odot$  and  $\text{h}$ , is paramount here;  $\delta \mu \varphi$  Partile about  $\pi 20$ . or  $21$ . Another such Spectacle in *Saxony* again, (I would He had named the proper place) he gives us of a Hearse seen, and Mourners, and Trumpets heard, *Ob. I. 1541*. here, to say nothing of *III. in*, before as observable in rare Effects; our Planet  $\mu$  from  $\times 3$ . oppose  $\varphi$  in  $\pi 27$ . There's a Third, 1554. Aug. 5. 9. P. M. near *Stolpen*; Armies with shooting, and Lightning between whiles; which though I put no stress upon, because the Adversary may be apt to say, the Military Noise was nothing but disguised Thunder; I answer, if History spoke only of Noise, &c. They said something. But when they add Instances of Fighting, Bloud, Shouting, Trumpets, which are not so easily represented by Thunder: When they add Horses, Naval Forces, &c. as in that before the *Spanish* Invasion, mentioned by *Fromond*, seen by *thousands*; we must not allow that Truth in part, shall pass for the whole Truth. The whole Truth implies both Physical and Hyphysical Agents in the Affair. But of this hitherto; — only for the Truth of the Phenomenon, if you desire the *Jewish* History, you have the *Maccabees* Story; If the *Heathen*, you have, besides the Poets, *Pliny, Appian, Valerius Maximus*, and others. And for *Christian*, you have among the Antients *S. Gregory*; if the Moderns, *Melanchtan, Fincelius*, and *Snellius*. Where we don't introduce Hyperphysical Causes to defeat Natural, but only unite them, and make them agree; thereby confirming us in the Rational belief of that good Record, which tells Stories of Spirits, making use of Nature for natural Effects, such as Whirlwinds, &c. What Angel was that, what *Visible* Angel, which *Jerusalem's* King saw slaying his Subjects? And what Motto was that which *Constantine* saw written in, or near the Solar Body? Are they not hitherto to be reduced? A Supenatural Power cloathed in Nature, may be Legible, as Visible.

§ 47. Let us shut up this Aspect with Frost; 'tis not enough, it may be, to say, that an Aspect of  $\mu$  and  $\varphi$  is found in all obstinate Frosts; as in that severe Winter, which, they say, kill'd up the Birds and Beasts, *A<sup>o</sup> 1502*. though  $\text{h}$  and  $\delta$  were in Play before; yet in *February* came in  $\mu$  and  $\varphi$ . So, *A<sup>o</sup> 1581*. a Winter, which in *Poland* Gangreen'd the Bodies of Military Men, *Galvis*.  $\delta \delta \text{h}$ ,  $\delta \mu \varphi$ .

° 1520. in the Month of *May*, which was so cold, that all the hopes of Vintage was nipt in the Bud notoriously, upon the account not of  $\delta$  and  $\eta$  conjoined, but of  $\mu$  being opposed to both.

° 1572. in *Octob.* early, long and untimely Frost, *Eichstad.* p. 39. upon  $\eta$   $\eta$  long Conjunction for a Month together, with  $\mu$  and  $\eta$  in  $\nu$  and  $\triangle$  opposed. Which Frost, by the way, introducing the new Star in *Cassiopeia*, Evidences, that It also was of the Nature of Comets, which not seldom are produced in Frosty Seasons.

° 1587. So in the Months, out of Winter quarter do we meet with a Hyemal Constitution, *June* 19. ° 1557. and  $\mu$  opp.  $\odot$   $\eta$   $\eta$ . *Sept.* 4. 1587. When it Freez'd, Bluster'd, Hail'd, Snow'd, saith our *English Annals*; upon the account, chiefly, I confess, of  $\eta$  and  $\delta$  in  $\varnothing$  and  $\text{m}$ , but also on the account of our  $\delta$   $\mu$   $\eta$  even in  $\delta$ .

° 1597. *May* again, Cold and Dry, *Stow* and *Hakl. Part.* 3. p. 195. tells us of extream Cold Weather, manifest on  $\mu$  in  $\delta$  with  $\odot$   $\eta$   $\eta$ . Yet, for all this on the other side, the same Planets strongly assisted may contribute to Heat. So the Seamen complain, they were half *rosted* the 10th of *June*, ° 1660. *Lat. North* 65. while  $\mu$  and  $\eta$  were in  $\text{ii}$ . And *June* if not *July* also, ° 1645. on near the same accident is recorded for a Hot Season. The First being in  $\text{ii}$ , the Second in  $\text{ss}$ , but within Bounds. The Reason of Frost and Cold we have declared to be either the *Restraint* of the Planets to few Signs, 3 or 4. Or, 2ly. an *Hiatus* in their order, or which is equivalent, a width or distance above the Signal Term; viz. *grad.* 30. Note, that the opposite Sign coming in place instead of the co-opposite is next door to an *Hiatus*. One or more of these Conditions are found in every one of these Chill Years; unless there be some Mystery in the Posture of  $\eta$  and  $\mu$  to be mentioned in due place.

§ 48.  $\mu$   $\eta$  are not so notable, because of shorter Comprehension, Yet they also minister some occasion to speak a Word of this Constitution. We have both kinds here, Cold and Hot. For  $\mu$  is no Astrologer, who cannot swallow such seeming Contradiction, that establisheth both upon the same Cause in several Circumstances, viz. When *Solitary*, and When in *Consort*. If Snow and Storms, *Nov.* 18. 1644. If Snow for 4 days in *March* be any Argument; If Snow 2 Foot deep found at *London* at the end of *April* can move us; If extreme Snow at *Cherry Isle* on *May* 16. ° 1607. *Purch.* 3. 526. or if Snow with intermitting Cold, as the Mariner calls it, *Purch.* 3. 504. if, an extreme Cold, *March* and *April*, and *May* to boot, will bespeak us; the Table will furnish you with the years, 79. 97. 1644. for  $\eta$ 's Influence in his Solitary Capacity.

§ 49. Hitherto may I add the Ice of the *Northern Seas* in *Æstival* Months, from the years 1527. 87. and the like. And let no man wonder that I fail to the Frozen Zone, upon the account that these (I have almost said) *Eternal Ice-Banks* take place, only from the absence of the warm Sun, there being no room there for the small Game of This or that Planet; though I *Worship* the Sun as well as another man, yet after careful Observation, I, for certain found the contrary to this most certain Principle: For it is known that the *Northern Seas* are not always of a Temper: Some Winters the Ice makes inroads upon the more *Southern Climes*; sometimes again it retreats, till it is Coop'd up almost to the *Polar Circle*; Concerning which, see the Islanders *Latine* discourse in *Hakl. Edit.* 2ly. That Author makes us believe sometimes that there is a quite clear Sea; when sometimes again we shall find Ice 100 Fathom deep, as *Purch.* 3. p. 38. and that in *Lat.* 60. which difference of years cannot proceed meerly from the Sun's absence, which in all Winters is one and the same; but from these

petty Skip-Jack Aspects which have to do (and have Patent to shew for it) where ever the Sun hath to do. I have made it my business to observe it scrupulously, the rather because in times of *Yore*, as of late the *English*, with other Nations, have had an ardent desire (if that would carry them through) to find a *North-West* Passage to the *East-Indies*; wherein our *Frobishers*, *Hudsons*, *Davises*, have taken immortal Pains; but as (unless encouraged by an Aspect) *Columbus* had never found the *West-Indies*, neither shall the *North-West* passage succeed without the same Clew. *Martin Frobisher* by good hap, through its Influence, as then assisted, *A° 1587.* found it Hot, Extreme Hot, in *Lat. 70.* as *Hakluyt* witnesseth, p. 117. but he found it not so in his First Voyage, *A° 1676.* when he met with Ice at a nearer distance, *Lat. 61.* our *♂ ♀* being the same at both times. What do we speak of *61°*? When under the same Aspect we find Mountains of Ice in our own Latitude (in *New-found-Land*, I mean) where it appears, *A° 1527.* We cannot encourage the ordinary Undertaker to any of these Voyages; no, not in those years where *♄* and *♀* meet in Summer Signs; because we find the Assistance so rare, that our Aspect seems to favour Ice, in two years of three: and the third only to give the Mariner some flushing hopes of the dissolution of the ice, which was yet, notwithstanding the warm Reflexions, in vain expected. However the difference of the Extent of the Frozen Sea, doth depend on the Heavens; I appeal to any one who shall please to compare the well-set Full-bodied Ray of Heaven in the Warmer year, from the Shatter'd Order and Positions of the Planets in the Colder Years. Small hopes therefore of a *NW.* passage; and yet there is Difference of years, some less desperate than others, of which latter kind, if my Augury fail not, the present year 1686. will be remarkable. But this will occur again, it may be.

---

**LIB.**

---



## LIB. III.

## CHAP. I.

*Of the Three Superiours mutual Configurations. And first,*

*Of SATURN and MARS.*

§ 1. The Three Superiours call for Wonder. 2. Whether ♄ and ♂ have any Tragical Consequences. 3. 30 or 40 days by right are to be allowed for the view of this Aspect. 4. & 7. Eichstad, &c. to secure the Art, are cautelous in rendering the Character of the Aspect. 5. Maginus also puts in his Limitations. 6. All Concurrents allowed, the Influence of the Configuration is plainly discernible. 8. The Vehemency of the Aspect seen in Tempests, Lightning, Hail. 9. Not so many Inundations here, as elsewhere, to repress those who say, We know nothing of the Stars. 10. Astrologers therefore do not put up this Aspect for a constant Rainer. 11. Oft-times dry, and sometimes Frosty. 12. As in Southern Signs. 13. Yet its inclination to Rain reaches near the Moyety of 30 days. 14. Yea they have their excessive harmful Fits; a Wonder in ♄, so remote a Planet. The Sun's Exaltation alone, produces not Lightning. 15. Fiery Meteors brief under this Aspect. 16. How, for Snow. 17. Other effects of this Aspect, Irides, Halo's, interchangeable clearing and clouding. 18. Mists of a deep blew. 19. Mists progressive creeping in the Vallies. 20. Blushing Tincture of the Clouds even from this Aspect. 21. Dark Air. 22. The Diary. 23. Some Additionals to the Diary. 24. The Character of the Aspect. 25. Diary Foreign of Storms, Hurricanes, Rains, Thunders, Floods. 26. Necessary to the greatness of the Argument. 27. Its Theory Irresistible. 28. The utmost Platick distance with the Quincunx and Semilextile have their Effect. 29. ♄ and ♂ are engaged in all violent Effects, if posited within 30 degrees. 30. Evidence from the Table, the Famous Stormy year of 88. considered. 31. Further Evidence. 32. A discovery of the Causes unknown to the Learned Kepler. 33. Our Aspect engaged in the account of 40 days Turbulency. 34. ♄ and ♂ has no Name for Inundations. 35. A List of Comets proper to ♄ and ♂. 36. Their Planetary Original proved from the Comets, A° 1528. 1538. 1558. &c. 39. Not ♄ and ♂ only, but ♄ with ♀, &c. 40. Yea ♄ and ☾ but rarely. 41. More frequent in ♄ and ♂. 42. Keckerman's Observation; Comets appear near their Autumnal Equinox, the Reason. 43. Comets us'd to appear also about ♄. Why they so often shew themselves near the Feet of Urfa Major. 44. ♄ and ♀ carry the greatest sway. 45. Comets of 1528. and 38. though at the same time of the year, and the same place of the Zodiac, are not the same. Most Comets appear about January, 46. Comets which

which were said to oppose  $\eta$ , did oppose  $\delta$  too. 47. Astrologers often predict Comets. 48. T. M. and Comets under  $\eta$  and  $\delta$ , of equal Number. 49. A List of Earthquakes proper to this Aspect. 50. Some Affinity between Comets and Earthquakes. 51. Why Comets universally appearing, are sometimes visible to Asia sooner than to Europe. 52. Sicknes and Pestilence fear'd to have relation to this Aspect. 53. No danger to Religion. 54. There are some Aspects Malignant, the Vulgar confessing the thing, though not in Terms. 55. A List, of Sicknes Epidemical, and Remarks thereon. 56. Some Ghostly Counsel. Whether all years are Sickly. 57. Sickly years are too frequent. 58. Physicians accord with us. 59. Eclipses no natural Signs of Pestilences. 60. Why Sicknes in one place more than another? A noble Enquiry. 61. Some emollient Observations to lay our Fears. Tropical and Equinoctial Signs most Critical. Scorbute Epidemical, not indifferent at Sea every year. 62. Pestilence arises not from meerly supernatural Causes. Dimerbroock answered. 63. New Diseases, therefore preter-natural, is no Consequence. Yet God sometimes punishes Miraculously. 64. Observations of Currents Marine. They are produced by all the Planets. 65. Evidence for our assertion. 66. The Learned Author, de Motu Marium, &c. extolled and consider'd. 67. 'Tis not the Sun alone that moves the Sea and Winds. 68. The Stars come in. 69. Distinction of Currents. 70. Heats and Frosts. 71. Fiery Meteors. 72. &c. Irides, Halo's, and Parelia notable under this Aspect. 75. An Objection about the unreasonable distance of the Cause assigned, answered. 76. Sol Pallidus. 77. His rarer and greater Obscuration. 78. Maculae Solis. 79. & 80. Stranding of Monstrous Fishes. The Mermaid may be a Spectre.

§ 1. **W**HAT Preparation shall I make for the Aspect of Saturn and Mars? Names of great Moment in the Book of Nature, where many a Paper is fill'd with their Story, their equal Effects and Influences. The Three Superiour Planets make Three Congresses, &c. SATURN and MARS; SATURN and JUPITER; JUPITER and MARS, described justly in Capital Letters, to call the Eye of the Reader to attend their Greatness. I leave Astronomers to tell you their Magnitude, their Distance, their Proportion to one another, and to the Earth, &c. And when you have read them with me, before we have done, we may wonder as much at their Influence, as their Dimension, &c.

§ 2. Astrologers call them the Two Infortunes, and to prove That true, They Alarm us with Wars, and the Death of Princes (among other sad Events) which no man of Honest Morals or Politicks, delights to hear of. Now, though I verily presume that this is no Oracle, at least not of God's or Nature's: For let the Arabs, or somebody for them, produce their Schedules, whereby a Free-born Natural Intellect may be convinced of such pretences, before they exact our belief; yet I must needs own that All things considered, no Bribery can make me absolutely acquit them from the Imputation of some unfortunate, or unavoidable Influence to the Generality in some kind or other. Howbeit, it is not seasonable to treat of any Malefic Force in the beginning of a Chapter: What Tragical Consequences it is guilty of, we will not entreat of till the

the last Act, not till the close, as hitherto hath bin observed in the foregoing Aspects; where if we chance to hear of Earthquakes, Sickneses, and Mortalities, we will not impose upon the World, or Frown them into our belief; but we will humbly and honestly produce our *Schedule*, shew our Testimony under Hand and Seal, and make Mankind the Judge; who, if they throw the Bill out of the House, we shall be contented, in case that they will do themselves the Right, to shew the Forgery of our Evidence.

3. The Aspect reverts ordinarily but once in two years, the ☿ taking place every second Year, and according to the Laxity of gr. 10. distance, which the Antients allow in *Eschuid*. to challengeth about 30 or 40 days, which is no unreasonable Width. For who is there initiated in Astrological observation, that will grudge to allow a notable Effect to a ☿ h ☿, if it fall within the Month. We will give you leave to wonder at us, if we should talk of the Operation of an Aspect; yea, or a Comet, at the 2, 3 nay 20 year distance; but 30 or 40 days is but a moment passed, and may yea *must* be granted us: for at gr. 10. distance we often find such Efforts of Weather even here, as hath been remembered in ☿, &c. For the State of the Air we must speak to first, before we harass our Reader with louder Peals of Mortality.

4. Now, because this Aspect being so Ponderous, raiseth a great expectation, as to the very State of the Air, I find the Modern Writers somewhat timorous in rendring the *Character*, being aware of the Scoffers Bolt, (soon shot at those who are so assured of their old fashion'd *Thesis*) yet perchance cannot so well make out the Truth against the Captious. Nay, saith he, if your ☿ h ☿, your grand Superiours, the Fam'd 'Enemies to Mankind, and to one another, many times fails of its Feats; what Trust is there to be given to such Old Doting Principles? *Eichstad* therefore, unreasonably mixes the Aspect of ♃ with it. Unreasonably I say, for how long must a Profelyte stay till the Aspect of ♃ is co-incident. And will he warrant that it shall bring then Wind or Rain? Frost or Snow, or *Nubilum Cælum*? He will not. *Maginus* more warily says, that they operate according to the Quality of the *Signs*; yea, and what is more; in my Judgement, the *Fixed Stars*, who are found with them; Not a Word of which hath bin mentioned hitherto in the Conjunctions of an *Inferiour*. But beginning with the Signs he labours to secure his Art, at least, in the *momentous* conjunctions by such Limitations and conditions; the Reason I suppose, I have offered, with the Tendernefs he had for his Art, and his Endeavor to stand by it, as to these main Foundations or Pillars on which it rests.

5. Far am I, you may believe, from quarrelling at the Fixed Stars; but I contend that the same Limitations ought to be put to all the foregoing Aspects, on the same Exigence and necessity, as to the Superiors. To one, as much as to the other. Otherwise the most frequent Aspect, ☿ ☿ ♀ will not convince fastidious self-conceited Persons; nay verily, nor the Lunar neither, as we have shewn before, but that we have the Tradition and Experience of the Husbandman, and the Seaman on our side, who are the Strength of the Kingdom. What saith *Maginus* on this very Aspect concerning Hail, *Si cetera concurrant*; Yea, that's Right, That's like a Philosopher; What are those Concurrences, and where; for if a single Aspect be All; every man laying the Planetary Table before him, may profess (a ridiculous sort of Prognostique, which is not to be endured for the Learned sake.

6. And if it be asked How we shall know the Character, blended amongst the Concurrents; I answer, not every Property perhaps, is so easily discernible in such different Mixture, but the most Signal are discerned by the Violences which often are produced, either upon, or near the precise Aspect; Or, at least, before its Expiration: Which Violences notably, and fre-



frequently iterated upon the return of the Aspect, have constituted the Character deliver'd down to us from our Ancestors.

§ 7. As wary was Cardan of old, who tells us, That It inclines to Hail and Rain, *Si cetera juvent*. What they would all say, is this, That the Aspect Lashes out into some Excess of this Nature before it takes its leave. And this as to the First, *viz.* Rain is for certain, whether within 6 days, as they say, or within my more unreasonable Width of a Months space, which may be confessed, perhaps: And then the Vehemence of that Effect shall, I avow, be distinguishable from any Showr, &c. that falls afar off without the Verge; except upon another equivalent Influence.

§ 8. Here I do not intend to tie my self to any one Individual Aspect, but of the whole Sylloge. Let some Number of our Aspects be considered, and upon comparison so it shall be found. Say the same of Tempests, Harmful Winds, Destructive Lightnings, &c. which our Table affords. Nor must it be argued that we have said as much before of others, and possibly may again: For what hinders that at several times of the year, according as they take place in their admirable Succession, they may all shew their Vehemencies, and yet be distinguished by him who lists to observe and compare. Before Tempests, with and without Lightnings, must be added as well as Hail, which though it comes not half so frequently, must not be left out of the Character.

§ 9. In the mean while it may be true, That as the Quantity or duration of the Effect,  $\eta$  and  $\delta$  may not be so copious as some others; for I find not so many Inundations, indeed but few in comparison with the Aspect of  $\delta$  and  $\epsilon$ . Mark that. Who then shall say hereafter that we understand nothing of the Stars? We forgive those Learned Men who have adventured to wrong us heretofore; but hereafter let them avoid such Obloquies; Let them shew as many Flouds under  $\eta$  and  $\delta$ , and we will be confuted.

§ 10. This makes me take notice of those Words in *Maginu*, which are seasonable here, *Martis cum  $\eta$  applicatio Nubes & Ventos multiplicat, Imbribus detrahit, aera corr. &c.* Our Honest Countryman, *Escuid. Dist. 4. tract. 1. Cap. 4.* tells us from *Dorotheus* the same Words: Whoever was the Author, the Words are Sense, and agree with the History of the Aspect exhibited in our Diary, where I find many Dry Days and Fair, with a Brightness of Air, Curious Weather, *Awani Soles*, as *Kepler* hath it, yet oft-times overcasting, and lowring, and looking suspiciously, as sometimes again, opening after a close Air. This you may please to observe when the rest of the Concurrents are not met, and the Aspect is Solitary; Then the Weather will favour of the Contemperation of the contrary, and be Placid and Temperate.

§ 11. And this at times of the year will lead in Frost, for that Cause which tempers the Aestival Air, will freez us up in Winter; and for this you must look the Old *Arabs* will bear witness for  $\eta$ 's sake, which they make to be as cold as Friendship it self. Wherefore if it happen in *Signo Terreo*, saith *Messahala. sign. Nives & gelu, et fortitudinem frigeris apud Escuid. dist. 2. tract. 1. Cap. 11.*

§ 12. For the Proof of the Premises, to begin with the last Instance, our Frosty Days, not of Mornings only: we hear of them in the years 56, 60, 64, 66, 68, 70. Frosty mornings every Revolution, from 54 to 70. Yea, and after, in  $\Delta^o$  74. But the Diary will not consent to *Messahala*, as to his Earthly Sign, only  $\pi$  and  $\nu$ , since  $\Delta$   $\pi$   $\times$ , for Airy, Watry, and Fiery Signs, make up the account, as well as the Earthly. How much easier is it to say in the Southern Signs, it makes Frost many times, &c.

§ 13. Now

§ 13. Now the Inclination to Rain holds about the Moyety of the 30. and odd days, but with some difference of Signs. For Hail, we hear of it but 11 times. in  $\pi$   $m$   $v$   $\gamma$   $\pi$ , Five Signs; and when I have reason to believe the like of the Opposite, we cannot positively exclude any.

§ 14. Now for *excess* of Rain, more or less, we have not *One Aspect* escaped. And how smart many of them were, the Diary will not conceal. The high Winds we must proclaim, because by their Harmful Impulses They will be remembered; they will not sleep till they have mischief wrought on the place. That  $\gamma$  or  $\eta$  should be *fore* upon us, may be attributed to their Vicinity; but that *h* so remote should be Harmful, there I profess to wonder at the Venerable Footsteps of a Deity, in the Worlds great System, and the parts thereof: for we found *h* harmful with  $\odot$ , and therefore no wonder with  $\delta$ , as we have before observed. Do Astrology Justice, *h* is a *Superiour*, and perhaps there is no violent stroke from Heaven without the Edge and Dint of one of the Superiours.—— Wherefore now let us view the Tempest, 1658. *Sept.* 30. And those Gusts on the *Thames*, *Oct.* 20, 21. which were reported harmful. Let us view those of *Nov.* 11. 1662. *Octob.* 29, 30. *A.* 1664. *Nov.* 28, 29. *A.* 1666. and *Nov.* 12. 1668. And what need more ado? Here are Three Blasts of this small number, which blew down Trees in the Country, and the Chimnies in *London*. *Sept.* 30. *A.* 1658. *Nov.* 11. *A.* 1662. *Nov.* 28. & 29. *A.* 1666. The Aspect succeeds but 10 times in 20 years, and therein, 10 times it is ready to knock us on the Head. Such Accidents come not often, they had not need. I remember, noted in the Diary, that after sore Rains, *h* and  $\delta$  have been seen together within a Span, &c. as on *Nov.* 24. *A.* 1670. Nature I say, and say it again, is loath we should be ignorant of her admirable *Oeconomy*, and therefore it shews it us: and when it doth not, we shall not be credulous accounted, if we believe that Lightning according to our Method and the nature of the thing also, is allyed to Furious Tempests; for so at *Lundy Island* we meet with Lightning, and harm done to a Ship there, when with us there was Terrible Tempest only of Wind, Rain and Hail, without any Fiery Meteor, *Nov.* 13. 1664. Now of Harmful Lightning we meet further in the years, 1674. 1676. 1680. in the Signs,  $\gamma$   $\delta$   $\pi$ ; or if it will Edifie more, in the Months of *June* and *August*; Those are the Paramount Months besure, the Festival Months; but that the Sun alone produces them because of, his Exaltation, is a *Prodigy* of a *Paradox*, and will never be believed till All the rest of the Lights be extinguished. Astrology wants Records to search; If she had them from the Conquest, it were well. But the 13<sup>th</sup> of *Nov.* 1664. just now mentioned, shews that it is not the Sun's exaltation produceth Flashing by its self; for in *November* he is not Exalted; unless the Presence of *h* and  $\delta$  (which is true enough) do help to exalt him.

§ 15. Upon this account the Fiery Meteors of the Night are pretty rise under this Aspect. For in the year 1672. I observed them 4 or 5 times. In 1674. Three. In 1676. 5 times. In 1678. 8 times. In 1680. & 1682. four times each. They have been more rare in 1654. 1656. 1662. 1670. The Time of the year where no observation was made, were Winter Months; and I could not be at the Charge of the Watch. An Ingenious Sea Captain, who kens the Constellations, may contribute much to our Theory, by engaging his Night Watch to look upward, not neglecting neither the Course of the Ship.

§ 16. As to Snow, we find it as rare or more then Hail, but 9 times in All. In the year 1668 1670. 1672. In the Signs  $\pi$  and  $\pi$ . They were the Signs of the Aspect. But the Solar Sign was  $\gamma$  only, the Snow falling in *November*.

§ 17. There

§ 17. There are many other pretty things occur in the History of  $\eta$  and  $\delta$ , some whereof are common to other Configurations, others may seem to be more proper. Clouds, and Passions of Clouds, blushing toward the East, *Irides*, *Halo's*, Lowring, Suspicious and Threatning, with a suspended Effect, While no Rain falls, Mists, Fog, Low Ground Mists, &c. — Concerning which I must needs say, I have observed the Air under this Aspect to clear and cloud interchangeably for several Days. Ye will say, so it doth at other times: It doth so, and not without Cause; which Cause, if a Man can render then or Now, what Harm is it? *Saturn* and *Mars* is a great and permanent Aspect, whereby the Air is for a long while more easily alterable (as when a Disease hangs about us, our Bodies are more incident to a Fit) when there happens a more full and smart Concurrence, as we see it not seldom meet with.

§ 18. Note that the sudden Mists under this Aspect put on an extraordinary Hue, noted for their deep Blew, as well under the *Opposition*, as under the *Conjunction*.

§ 19. We have spoke of the Ground Mists before, and some Instances we have here so frequent, as if they seemed to belong to  $\eta$ , even as I ventur'd to conjecture. Of these we meet, One in the year 1652. 3 in 1658. 4 in 1660. and 2 in 1666. and amongst these, one most notable, A. 1666. Nov. 21. where I observ'd it making a creeping Progression in the Valleys, *hor. 9. mane*. I remember elsewhere, where a Low Mist, by a leisurely Progress, hath shifted its ground, stole from a Meadow into a Close, and with a silent Inundation, overflowed the Neighbour Pastures. Tell me, some good Philosopher, the Cause! I meditated, and thought the Water might attract, but the Motion was from the side of the River; and that of Nov. 1666. was distant 2 or 3 Miles from the River *Thames*. I consulted, and found it was a *Sign* of a *Tempest*; for the Wind rose to an audible Height the Night and day following, and so continued 3 or 4 days very Tempestuous,  $\eta$  and  $\delta$  (yea  $\gamma$  and  $\epsilon$  rather than  $\alpha$ ) were all together; now the Cause of the Tempest must be the Cause of that Sign: and that these Planets were the Cause of the Tempest, may appear by the Premises, and the further *Criterion* (were it time to shew it) at the time of the Planets setting, *hor. 8. vesp.* of the next day, at which time the Air, according to the Diary, was very Tempestuous, and as it had been before at  $\odot$  set.

§ 20. As for *Irides* and *Halo's*, we light upon them sometimes, and they are not altogether accidental to an Aspect either of  $\eta$  and  $\delta$ , as we have seen before. Nor to *This*, because they are Notable here for Number or Circumference: Add that they contribute to a like Passion of the Clouds, viz. that blushing Tincture in the East, and that not only when the Aspect is Situate about the West, but also when nearer the Zenith. *Quare*, Whether not so when in the Nadir? Or the other Hemisphere. Yea, lastly, what if we shall find that Notable Passion of *Parelium* found under this Aspect.

§ 21. For a Dark *Aether* I thought I might impute it to  $\eta$ , and sometimes to  $\delta$  upon different accounts, but when I consulted the Diary, I found the Effect confin'd to certain Signs, *Aries*, *Cancer*; and once, *Pisces*, *Virgo*, *Leo*. So this note must be reserved for the *Tropick* and *Equinox*, or they seem to be the Critical Places.



## The Home Diary of δ h δ.

- § 22. A° 1658. O<sup>r</sup>. 12. 1 m. 22.  
 6. Close, muddy air *dieter*. very wet 8 p. *Gr.*  
 7. Store of Wet, abund. p. m. till 8 p. S E.  
 8. Overc. o. coasting shower in prospect, shower Sun acc. NE.  
 9. Frost, bright, cold wds, Meteors. W.  
 10. Fr. ice, ropes, warm. N E.  
 11. Fr. mist, ice, cobwebs, thick fog 9 p. W.  
 12. Fog m. overc. moist air n. E.  
 13. Dark and cool, mist p. m. blew mist. E.  
 14. Drizzle, wet 2 m. o. & p. m. E.  
 15. Rain circ. dilucl. warm; black Summer Clouds and open, overc. n. S.  
 16. Wind all n. rain a. l. ad usque 8 m. dark and wet p. m. 5 p. 8 p. S.  
 17. Mist, violent rain at midnight, at 5 m. drizzle p. m. H. wd, rain 8 p. S W.
- 13 A° 1660. O<sup>r</sup>. 25. m 14.  
 20. Fr. NW. fog, clear, mist below. NE.  
 21. Fog m. cloudy, windy, warm. E.  
 22. Fr. fair, f. wet. NE E.  
 23. Cloudy windy, fair 9 m. windy, clear wesp. N.  
 24. Frost, fair, f. wet, wdy. N.  
 25. Cold, cloudy, windy, clds. frequent in S. and S W. clear even, yet wd, moist. NE.  
 26. Fr. fair, high clouds, curdled, close day. W.  
 27. Cold, windy, hail, r. 1 p. shower 3 p. NE.  
 28. Rain a med. m. cloudy, E NE.  
 29. NE. Fr. clear.  
 30. Fr. W. curdled clouds, hot.
- A° 1662. Nov. 5. 2 δ.  
 31. O<sup>r</sup>. Fog, bright day, warm, wd. E.  
 1 Nov. Fr. m. fair, clouding p. m. rain 7 p. E.  
 2. Overc. rain p. m. & c. S E.  
 3. Blew clouds m. Rain a 9 m. ad o. S.
4. Rain hard a 5 m. ad 1 p. S.  
 5. Fog, cloudy, somet. open. N.  
 6. Close m p. wd. S E.  
 7. Close p. m. drizzle, rain, overcast wesp. *Gr.* S W.  
 8. Open, warm, clouds low, f. coasting drops, wind, Meteor a Pleiad. ad Capell.  
 9. Fair m. clouds 1 p. f. rain. S.  
 10. Irk 8 m. storm of wind and R. 8 p. 4 S W.
- A° 1664. Nov. 12. 2 27.  
 8. Fr. cool, fair wind. S W.  
 9. Fr. overcast, wd and wet per tot. S.  
 10. Fr. ice, mist, fair. S W.  
 11. Fr. ice, very foggy, *Sol rutilus*, fre ez n. S W.  
 12. Rain m. fair, cool, R. 10 p. S W.  
 13. Dreadful Tempest, wind Rain and hail 2 m. windy, open. S W. but after the storm N W. Harmful Lightning in a Ship at Landy.  
 14. Open, fair, wind. S W.  
 15. Overc. close p. m. f. rain 4 & 7 p. S W.  
 16. Fair m. rain o. open p. m. R. 10 p. S W.  
 17. Rain a. l. 2 m. fair, windy, freez. no<sup>te</sup>. S W.
- A° 1666. Nov. 19. 18.  
 15. Frosty, fair.  
 16. Frosty, sharp day. E.  
 17. Frosty, fair, fog, h δ 2 rise; yield. wind 11 p. & overc. S W.  
 18. Close, some mist die *tar*. S W.  
 19. Warm, open, somet. low rings; H. wind a. l. S W.  
 20. Drizzle a. l. misty, wetting, 10 1 p. warm, open, wds. S W.  
 21. Mist creeps in the Valleys 9 m. close m. p. wd, close n. S W.  
 22. Wind at n. close, misty, wetting, high wind; very tempestuous Sun acc. & 8 p. III Plan. accid. Clear.  
 23. Close m. p. Tempestuous Sun acc. *Gr.* f. drops. S W.
- A° 1668. Nov. 23. 9.  
 19. Windy and wet 6 m. *Gr.* some rain 10 p. h δ seen together.  
 20. Hard frosta. m. freez n. W.  
 21. H. frost, closing, misty, wet store, p. m. & n. W.  
 22. Cold wind a. l. close, open a. m. E.  
 23. Fr. fair, cold. NE E.  
 24. H. fr. open m. close p. m. rain 4 p. close and cold wind. NE E.  
 25. Thick fog m. p. *Sol rutilus*. close 11 p. E.  
 26. Foggy, drizzle or snow at n.  
 27. Foggy, close, cold, drizzle n. Nly. Cocks crow 9 p.  
 28. Fog. rain m. much rain n. blustering. Wly. NW.
- A° 1670. Nov. 26. 1.  
 22. Winds all n. drizzle 9 m. very stiff gusts, and f. rain Sun acc. h δ seen together NW.  
 23. Coldish a. m. rainy 4 p. *Gr.* wind audible. Wly.  
 24. Rain 9 m. Tempest p. *Gr.* f. rain p. m. Meteor 9 p. Wly.  
 25. Rain ante Sun ort. clouding often, close n. NW.  
 26. Fr. ice, mist m. overc. n. wd audible. Nly.  
 27. H. fr. f. overc. fair and bitter freezing n. Wly.  
 28. Frosty, snow 6 m. close. NW.  
 29. Frosty, close, winds audible n. NE.  
 30. Frosty, open wds, audible n. NE.
- A° 1672. Nov. 18. 25.  
 12. Frost, fog. a. m. open. Ely.  
 13. Fr. close p. m. and dark rain 5 p. 8 p. 9 p. H. wind. S W.  
 14. R. a. l. wetting a. m. & p. m. Much wet a 5 p. ad 10 p. H. wind day and night. Sly.  
 15. Fair a. m. H. wd, shower a p. & 3 p. S W.  
 16. V Wind, open a. m. closing 3 p. rain 4 p. S W.  
 17. Mist m. close, wetting 10 B 5 m.

m. very wet 1 p. windy d. and n.

18. Fair m. p. close *vesp* & n. W.

19. Much rain a. l. & a. m. close. W.

20. Close m. p. drizzle 9 p. W.

21. Much rain 5 m. and high wind, close. S W.

22. Cold, fair, overc. coldish at n. N W.

22. R. a. l. close, windy, warm, drizzle 11 p. W.

24. Close, drizzle o. & 4 p. wd at n. S W.

25. open, closing. S W. At n. N W.

Dec. 26, 27, 28. Lightning much at Gravesend.

29. Tenterden Church and 8 Houses fired with Lightning.

### Pars Festival.

A<sup>o</sup> 1674. July 8. V 28.

4. 7 m. Mercury *or*, offering, shower 7 times 4 p. *Pleid.*

occ. S W.

5. Wind, shower 1 p. smart showing, *Hail and Thunder*.

*slaying Men and Cattle* at Newington, *Bleebingly*, Narrative.

6. Shower 1 p. 3 p. 5 p. S W.

7. Rain and hail 9 m. *etc.* shower p. m. Aches.

8. Showing 10 m. 1 p. & p. m. *dashing* 5 p. *ad h. fere.*

Sly. Aches. S W.

9. shower 10 m. 1 p. S W.

10. Warm p. m. shower 7 p. S W. News of a Plague at *Smirna*.

11. Bright, f. mist, floating cl. and lowring. S W.

12. Nly. fair, warm a. m. floating cl. and lowring.

13. H. wind, shower 1 p. Rest of H. clear. 2 C

A<sup>o</sup> 1676. July 15. 24.

10. Close m. p. misty, *Sol rui-*

*lus*, wd *vesp.* N. N E.

11. Bright day, wind brisk, f. few cl. Nly.

12. Cloudy, bright m. p. some-time lowring. E.

13. Bright N E. Warm. 4 D wd. N E.

14. Fair, warm, thicken cl. overcast by degrees p. m. H. wind, Aches. E.

15. Very hot a. m. rain 4 m. (Aches) 11 m. 1 p. 3 p.

Hard 5 p. Delphin *or*. Aches. S.

16. Cloudy Sly. clouds in Scenes a. m. dry p. m. Aches. W.

17. Hot a. m. open wind, Aches. close m. p. W.

18. Hot, bright, scarce a cl. Aches. N.

19. Hot n. early fog, *hora* 7 m. foultry day, hot n. Wly m.

Ely n.

20. Soultry, bright, clouding 7 p. *Lightning twice*, *Rain and Thunder* 33 Claps, much Lightning noise.

27

A<sup>o</sup> 1678. July 31. II 21.

26. Rain 3 m. brisk wind, casting *ante* 3 p. Rain 5 p. Aches. Wly.

27. Rain, brisk wd, high wd, fh. 3 p. Wly.

28. Gr. clouds, floating, fh. 10 m. *Thunder* 2 p. in N E.

Th. *ante* 6. rain, hail, coasting shower *ante* Sun occ.

Weathergall in S E. Wly. Sly.

29. R. brisk wind, coasting 2 p. *R. and Thunder* *ante* 4 p. Wly.

30. R. m. clouds gather, rain, Lightning 3 p. *fh. vesp.* Wly.

31. R. gr. dash 1 p. Th. R. 8 p. Meteors behind 2 Stars in

*VP cauda*, and below *Arc-*

*turus*. Ely n. with a mist.

1 Aug. Rain 1 m. misty air, warm, cl. in Scenes, Mete.

or by 4, *Lightn.* 10 p. Ely. at n. Wly before.

2. Warm, fleec'd clouds 7 p. Cocks 10 p. wd various, Sly. Th. 8 p. & 10 p. Wly.

3. Ely, fleec'd cl. 8 m. overc. 4 p. S W.

4. Mist, open, warm, close n. Wly.

5. Early mist, clear Horiz. 7 m. brisk wind, warm. Wly.

6. Hot n. R. 10 m. warm d. Meteor *ante* 9 p. Wly.

A<sup>o</sup> 1680. Aug. 20. 19.

14. Rain 3 m. stormy wind, R. 8 m. storm *circ. merid.* Sly.

15. R. m. 9. 11 m. o. 1 p. dark shower *post* 2 p. 4 occ. (fo 5 p.) windy n. N W.

16. Plague at *Dresden* encreaseth, 263 dye in a week; windy, Rain 7 m. fair, dry, W. N W.

17. Mist, early, striped cl, Meteor bright a 9 p.

18. Close, brisk wd, Meteor near M. p. *ante* a 9 p. Ely.

50 Villages in Saxony infected, *Gaster. Num.* 1543.

19. Fog, open. Ely.

20. Fog, hot, f. gusts. Nly. Ely. N E.

21. Great, early fog, warm, blew mist *vesp.* N E.

22. Fair, fresh wind, mist *vesp.* Sly.

23. Fair, fritter-clouds, high winds, hot n. *or*. Cocks 3 p.

24. Very hot. windy, strip'd clouds, coasting, heat, drops, gr. R. and *thund. circ. merid.*

25. Hot m. fleec'd clouds, shower 6 p. 8 p. Wly.

26. Soultry, some drops, Lightning in N E. 9 p. Meteors 3 p. 1 cross the Heavens.

27. Fog m. hot, f. angry cl. Wly. at n. Ely.

29. Th. and Lightn. harmful.

A<sup>o</sup> 1652. Aug. 10. 5.

5. Clear, cloudy, little wind. N W.

6. *Rainy m. clear*, cloudy, windy at n. N W.

7. Clear, cloudy, same at n. windy. S W.

8. Clear, cloudy, windy, still at n. S W.

9. Cloudy, windy, rainy at n. W.

10. Showry, f. Sun, high wd, N W.

11. Clear, cloudy, l. wind, clear n. misty still. W.

12. Clear, cloudy still. N.

13. Clear, cloudy, f. wd. N.

14. 15. Clear, cloudy. N E.

16. Clear, cloudy. 17

A<sup>o</sup> 1682. Sept. 12. 16.

7. Fog, close m. p. lowring, calm. N W.

8. f. clouds, lowring, f. gusts, cold 10 p. N E.

9. Cold m. high wind, Ely. long cloud 8 m. from S W. to N W. Wly.

10. Fog m. close, brisk wind, shower *ante* 5 p. Ely.

11. Wet 11 m. and *Mon* occ. Ely.

12. Clouds rise 8 m. of *Urine* colour; close and lowring 10 m. N E.

13. Fog, misty, not drying, warm.

- warm 9 p. Aches and sickness. N E.  
 14. Fog n. taken up, close, warm n. Wly.  
 15. Warm, cl. in Scenes, lowring, very warm n. Nly.  
 16. Warm n. f. fog, close and warm 8 p. Wly  
 17. Gentle R. 6 p. & c. brisker ante 11 p. A talk of *Ignis Fatuus* near *Albemarl House*.  
 18. f. drops a. m. & o. f. gufts, warm night. Wly.  
 19. *Sandwich*. Tempest driving back the Ships that failed out of the *Downs*. Monstrous Fish 7 foot long taken on the Coast, &c. *Loyal Mercury* from *Boston*. Num. 27.  
 A° 1654. Sept. 3. M 2.  
 Aug. 28. Overc. clear, overc. clouds, storth. S.  
 29. Bright, very cold m. bright d. N E.  
 30. White fr. bright d. some wet, rare harvest. N W.  
 31. Overcast, f. wet, clearing. N W.  
 Sept. 1. Misty m. 1 or 2 drops at n. S W.  
 2. H. wind b. d. wet d. cool Stars shoot n. S W.  
 3. Unconstant coasting, wet, winds.  
 4. Hail, wind b. d. cool, shows of hail and R. Stars shoot.  
 5. Stormy, some said Thunder m. S W.  
 6. f. wet m. Lightning at n. Stars misty.  
 7. Gentle rain from break of d. till o. cloudy, Lightning, frequent at n. S W.  
 8. Cloudy m. clouds pleasant, with 2 or 3 drops discovered. S W.  
 A° 1584. Obob. 3. M 12.  
 Sept. 27. Close, warm, wet m. p. Wly.  
 28. Mist m. warm, close, Ely m. p.  
 29. Much rain a 3 m. ad 9 m. Wly  
 30. Cloudy and black, lowring N W.  
 Obob. 1. Close and wet m. a. m. p. hottish at n. N W..  
 2. Close, sometime lowring, warm. N W.  
 2. Fleec'd clouds 8 m. f. drops a 5 p. and misty, showr Sun acc. Wly.  
 3. Frost, clouding and offering several times p. m. showing ante 11 p.  
 4. Very great dash circa 2 m. dash 11 m. showing p. m. & ante Sun acc.  
 5. Rain a. l. cloudy m. f. wd. Wly. N W.  
 6. Cloudy, close m. p.  
 7. H. wind, R. mist a 4 m. fair a. m. close and wet 4 p. ad 11 p. Sly.  
 8. Rainy, dark from last n. b. 6 p. without flint till 9 m. lowring clouds. Wly.  
 9. f. frost, clouding and lowring, cold n. Fleec'd clds Sun acc. Nly.  
 A° 1656. Sept. 24. M 28.  
 18. Fair, br. wh. cl. f. L. gathering at n. W.  
 19. Close, f. misting, opening 10 m. threatening black mist, reddish cl. Eastwards, a wide Halo.  
 20. Frost, w. v. gathering, blew mist, Halo. S W.  
 21. Misty m. fair, f. wind, notable warm wd, overc.  
 22. Misty, very blew mist, fair, f. cl. growing a Semicircle with Rainbow Colours 9 m. alm. vertical.  
 23. Thick fog, with gross Cobwebs all in a n.  
 24. Sun shine, h. wd, wh. cl. f. mist, w. p. m. cl. and firm shows Sun acc. warm. S W.  
 24. Rain 1 m. frost, fair, Halo great noße.  
 26. Frosty m. clouds fly low, H. wind, warmer 9 p. S W.  
 27. Dark, windy, showring. S W.  
 28. f. wet midnight, wd noße. not dark, missing by Coast. S W.  
 29. Wind a. l. dark, dropping o. 5 p. &c. S W°  
 S 23. A° 1638. Sept. 23. H. deous tempest of wd S W 8 p.  
 25. R. 4 m. missing R. n. S W.  
 16. Wind noße. tor.  
 29. Halo, ground mist.  
 30. Harmful wind blowing down Treets.  
 Obob. 2. Blush E. ground mist.  
 3. Ropes store.  
 5. Rain 4 m. dark, misty, wetting m. p.  
 18. H. w. showing 7 p. &c.  
 19. Wind noße. tor. showr o. gallant Meteor. Sly.  
 26. Wind noße. tor. very red m. R. 4 p. ad 7 p.  
 27. R. noße. tor. ad Sun ort.  
 29. f. blustering ante luc.  
 Additional to the Hyemal Part, the fair Days omitted.  
 A° 1660. 7. f. little coasting showr p. m.  
 13. Cobwebs and Gossamere.  
 14. Rain 3 p. 6 p. and 8 p.  
 15. Wetting m. p. sad rain a 5 p. ad 9 p.  
 18. R. ante lacem.  
 Nov. 7. Windy, storm of R. 11 m. S E.  
 9. Stormy vesp.  
 10. H. wind, stormy Hail & R. 11 p.  
 11. H. wd and R. frequent hail, storms of rain, H. wd vesp.  
 A° 1662. Ob. 20. Warm, H. wind 9 p.  
 21. Wind and rain a. l. H. wd and rain vesp. H. wind did harm upon the *Thames*. S W.  
 22. R. a. l. 4 p. 8 p. S W.  
 23. Much R. a. l. Meteors n. S W.  
 27. Wet, R. noße. tor,  
 29. Rain a. l. Nly.  
 Nov. 11. R. 5 m. very dark, with violent storms of R. Chimnies blown down.  
 12. Rainy m. H. wind, S W.  
 13. Cold rain a. m. H. wd. S W.  
 14. H. cold wd. S W.  
 15. Rain m. p. H. wd 11 m. S W.  
 18. R. a 6 p. ad 9 p.  
 19. Close, drifling p. m. 5 p.  
 21. Rain 7 m. & die tor. har- der 5 p.

§ 24. This Table view'd will yield some such Character of the Aspect: h and s are of a long continuance, and help to qualifie the Air for a Month at least; the distance of 10 degrees, before and behind, through which space it produceth not always furious Effects; but is moderate many times, and temperate; yea, and at many times of the year inclining to Frost and Fog. It is apt to Storm and Rain with Vehemency, and violence Notable, upon advantage taken, to Thunder, Lightning.

Tis



"Tis inclined to Hail, though somewhat rarely, yet more notably than other Aspects. It shews its Lustre many times in a Rain-Bow, &c. Some excessive Rain falls either near it, or within the terms described. More of its Violence in the Forein Table, which follows.

Forein Diary.  $\delta$ ,  $\phi$   $h$   $\delta$ .

- $\S$  25. *Anno Christi*. 1500. Storms and Huracanes, Rains, Floods, Thunders, Chafms.
- Feb. 11. Floud at *Lovain*, *Gem. Cosm. Lib. 2. Cap. 4. in Mar-ging.*  $\delta$   $h$   $\delta$ ,  $\gamma$ .
- Dec. 20. Great Floud again, *Gem. ib.*  $\phi$  in princip.  $\mathcal{I}$  II.
1511. A 3<sup>d</sup> time, Floud at *Lovain*. If he means *February*, or thereabout, we find then  $\phi$  in  $\gamma$   $\triangle$ .
- England. 1526. *November*, *December*, *January*, *February*, Great Rain and Floods, destroying Corn-Fields, Pasture, Beasts, &c. *Stow*,  $\phi$  in  $\gamma$   $\triangle$ .
1528. *Febr. Nunnez* Admiral's Tempest; *Ramus*, Vol. 3. p. 310. the  $\delta$   $\gamma$  fine.
1529. *January 29. Chafme, Frisfch.*
1534. *May 27. Ill Weather, Carti-er's Voyage, Hakl. V. 3. p. 202.*  $\delta$  gr. 11. see it in  $\phi$   $\mathcal{U}$   $\delta$ .
- Neer *Garata*. 1536. *May 16. Tempest, Hakl. V. 2. p. 230.*  $\delta$   $\delta$  gr. 4. distant.
- Rome. 1537. *Dec. 2. Harmful Thun-der, Lyc.*  $\delta$   $m$  gr. 20. distant.
- Back side of *America*. 1539. *Nov. 9. ad 15. Storms and great Franc. de Ullon, apud Hakl. 406.*  $\phi$  seu VC.  $h$   $\delta$ .
- 26, 27. Blustering Winds separating us, &c. *Cortez*,  $\delta$  gr. 20. dist. *Hakl.* 407.
- Dec. 1. Cruel North-Wind; Cables broke the Trinket, and *Misen* rent asunder, *Hakl.*  $\delta$  gr. 19. distant.
17. Two or Three days great store of Rain, *Hakl.* 414.  $\delta$  gr. 17. dist.  $h$  in  $\triangle$  14.
1540. *Jan. 10, 11, 12. Furious North-Winds, Hakl.* 416.  $\delta$   $\triangle$  gr. 1. distance.
16. Fierce Winds drove us back, *Hakl.* 41.
- Dec. 24. Tempestuous Winds drove us 20 Leagues back, *Hakl.*
302. The 3<sup>d</sup> Storm again drove us back the 3<sup>d</sup> time, *ib.*  $\delta$  in  $\triangle$ .  $h$  gr. 15.
- Febr. 1. ad 8. Ill Weather, *Hakl.* 420.
10. *Vesp.* Tempest dangerous beyond Expression, p. 421.
- Die 23. Northern Winds wonderful, p. 422.
- Die 25. Terrible Sea; the farther we went, the more the Winds increased. The Winds could not be worse. 23, 24. The Devil, they said, in the Winds,  $\delta$   $\triangle$  gr. 10. dist.
- March 2, 3. Tempest dangerous.
9. Bad weather, p. 493.
19. Store of Rain, like the Rain in *Castile*.
14. North-West Winds broke Cables,  $\delta$   $\triangle$  gr. 13. aist.
- Near *Red Sea*. 1541. *March 11.* Storm raised Sand toward Heaven. *Purch.* 1302. in  $\gamma$  and  $\triangle$ , dist. gr. 19.
- Die 20. North-Wind troubled the Sea.
- April 4. Great Storms at *North-West*, ante merid. after Thunder and Hail, *Purch.* 1135.  $\delta$  gr. 10. dist.  $h$  in  $\triangle$ .
- Die 12. Whirlwinds raising up the Sands, Storms and Calm within a Stones cast, p. 1138.  $\phi$  gr. 17.
1542. *Aug. 5.* Tempests with Shipwreck, *Purch.*  $\delta$   $m$  gr. 22. distant.
12. *Tuffon*, with Wind and Rain; seeming more than Natural, *Purch.*  $\delta$  gr. 25. dist. in  $m$ .
- March. 23. Snow for 4 days,  $\delta$  in  $m$  gr. 16 distant.
- June 14. At *Bhda*, Tempest, and the top of *St. Stevens* Church suffered by it, *Lyc.*  $\delta$  in  $m$ . gr. 2. distant.
- Jerusalem*. 1546. *Jan. 14.* Huracano's, Thunder, great Rain, T. G. P. & *Surio*,  $\delta$  in  $\mathcal{I}$  gr. 13. distant.
- Add  $\mathcal{I}$  20.  $h$   $w$  18  $\mathcal{U}$ .

Misnoa

- Misnia. Febr. 10. Chasme, Lycosth. & 2 gr. 5. distant.
1547. June 5. *Cerebra Procella*, &c. Dr. Dee, Annot. ad Annun. & v gr. 21. distant.
- April 28. At Misena Cathedral struck with Thunder, hor. 5. P. Lycosth. & in Tropic. gr. 5. dist.
1548. Jan. 27. *Pluviosa tota*. & in  $\propto$  princip. Idem, & in v gr. 15.
- Febr. 21. Rains. May 9. *Venti Pluvii*, *Grandinis Impetus*, Id. & in v gr. 8. dist.
- Mar. 8. *Pluviosum valide*, Id. die 19. *Pluvios. valde*, Id. & in v gr. 25. distant.
1549. April 5. Rain continual, & in v, & gr. 27. dist.
- June 6. Stormy Rain. 12. *Imbres*. 21. *Tempestuous*. & in v, & 20. gr. dist. 18. Boistrous Winds. 26. *Imbres vehementes, cum continua Pluvia*, & gr. 26. dist. 28. *Venti Vehementes ante meridiem*. 22. *Pluvia per tot. diem, cum Tonitr.* & gr. 17. distant. From June 1. ad 21. Unnatural (as they call'd it in those days) untidy Weather. June 6. Mighty Storms of Wind and Rain, *Vide diligenter causam*, saith the Doctor. Die 12. *Imbres Vehementissimi*. 20. *Maximi & Vehementiss.* *Imbres cum Grandine*, hor. 5. & dist. ad gr. 10. h in v. 27. June 21. The deepest Winter; could be no fowler day. Die 23. *Imber a Candito Mundo Vehementiss.* duravit per ortum Sagittarii, cum ton. in fine, Dr. Dee. & in v gr. 21. distant.
- May 3. *Imbres Vehementes*. 24. *Venti Vehementiss.* p. Sol ort.
1550. Jan. 19. ab hora 10. Noct. statim ventus mirè crescebat. 23. Ho. 1. *Grando*, *Pluvia*, & v gr. 18.
- Febr. 14. à meridie mirum crescebat Ventus, nocte cessavit, & in  $\propto$  princ.
- Febr. 7. hor. 4. min. 30. *Tonitrus*, *Pluvius Dies*.
1551. Circ. Mail 15. Ante festum Pentecostes, Great Inundation in Germany, (& in  $\propto$  gr. 15. distant) and the Neighbour parts of France, described by Lye.
- July 24. Borasque or Whirlwinds, danger of drowning, Parch. 1576. & size S. S.
- July 21. River overflows, when it had not rained in a Month before, & gr. 28. dist.
1556. Febr. 17. Wind North-West, Tornado, Thunder, Wind and Lightning, & in  $\propto$  gr. 10. dist.
20. Much Change of Winds. Foul Weather.
27. Tornado's, with much Rain, & in v gr. 11. dist.
- March 1. Tornado, Torrison in Hakl. 112. & in v gr. 10. dist.
- Dec. 26. Thunder, Harmful in Swevia and Bohemia, Lye. & in v, & gr. 6. dist.
1557. Jan. 13. Sea went so high on the Shore, that we could not Land, Hakl. Edit. 1. p. 114. Die 31. Foul Weather, Hakl. 121.
- Febr. 7. Wind, great Gusts of Rain, Lightning and Thunder; but the Gust down, Wind came to NE. Hakl. Edit. 1. p. 122. & grad. 11.
- June 2. Tempest and Rain.
11. Stiff Gale, Took in the Shrowds. Storm lasting till the 16th day, Boroughs Voyage. Hakl. Edit. 1. & gr. 16.
22. Wind N W. fain to seek Harbour.
24. Great Mists and Darknes. & in *Aequinoct.*
1558. March 26. Whirlwind. & in  $\propto$  princip. gr. 3. dist.
- April 1. A Flaw all day at E. where ordinarily it is S W. Torrison's Voyage, Hakl. & in  $\propto$  22. gr. dist.
1559. Hyem, Jan. and Febr. *Ventosa ac humida*.
- London. Sept. 1. Thunder Terrible, Storv. 1013. & II 2 gr. 19.
1562. June 5. Tempestuous, Hail and Thunder, Gemm. & in  $\propto$ , gr. 14. distant.
- Lovain. 1565. Jan. 6. Inundation, Gemm. 2. & intra gr. 30.
- Feb. 11. Inundation Gemm. v 23. &, & 12. h.
1566. July 18. Winds, Lightning, Gemm. & in v gr. 11. dist.

1569. *March* 10. Horrible Chafin,  
 ♂ in  $\times$  gr. 20. *dist.*  
*Holland.* 1570. *August*, Dire Inunda-  
 tion; 40000. perished, *Grim-*  
*stone*, ♂. h & in  $\triangle$  *seve.* *Par-*  
*til.*  
*London.* 1574. *Sept.* 4. Storms of Rain  
 4 P. M. *Stow*, ♂ in  $\gamma$ .  
*Gravesend.* 1576. *March* 5. Flaw in  
 the Night, drowned a Tilt-Boat,  
 with 31. Persons, *Stow*, ♂ in  $m$   
 gr. 13. *dist.*  
*L. N.* 63. *August* 21. Snow a Foot  
 Thick, *Frobisher*. ♂ in  $\gamma$  gr. 7.  
*Lat.* 61. 1577. a *June* 8. ad *July* 4.  
 No Night but some Storm. *June*  
 and *July* Boisterous, with Wind  
 and Snow, and Hail, *Frobishers* 2d  
*Voyage.*  
 1581. *July* 21. Great Blasts and  
 Storms, ad *Diem* 28. *usq;* ♂ in  
 $\approx$  gr. 12. *distant.* 1582. h  $\gamma$ .  
 1583. *Aug.* 16. Foul Weather, ♂ in  
 $\times$  gr. 17. *dist.* 21. Stormy. *Hakl.*  
 102.  
 1585. *July* 7. Whirlwind taking up  
 Warer into the Air for 3 Hours,  
*Hakl.* 783.  
 a *June* 15. ad 29. Many Tempests;  
 ♂ vel VC. h ♂.  
*July* 8. Cold Showres 10 at Night,  
 much Lightning, ♂ gr. 20. *di-*  
*stant*  $\gamma$   $\triangle$ .  
*July* 2. 12. The Night before much  
 Lightning round about.  
 16, 17, 18. Great store of Whales,  
*Hakl.* 783. *Tuffon*, the Waves  
 seemed to touch the Clouds, *Lin-*  
*schot.* ♂ in  $\gamma$   $\triangle$  *pnirc.* gr. 15. *di-*  
*stant.*  
 26. Strong Winds, Sea high; ♂ in  
 $\gamma$   $\triangle$  gr. 10.  
*Aug.* 18. Foul Weather.  
*Aug.* 19. Snow at Night, with much  
 Wind and Foul Weather.  
*Aug.* 28. ad *Sept.* 12. Very great  
 Storms; ♂ gr. 7. in  $\gamma$   $\triangle$ .  
*Circ.* *Lat.* 60. *Aug.* 23. Very Stormy  
 day, *Hakl.* 780. ♂  $\gamma$   $\triangle$  gr. *dist.* 9.  
*Davis.*  
*Sept.* 10. At Night very great Storms,  
 separated our Ships, *Davis's* *Voy-*  
*age* for the North, *Hakl.* *Edit.*  
 1. p. 786. ♂ gr. 20. *dist.*
1586. *April* 2. Winds to sing and  
 bellow.  
*May* 21. Hard Gale, and Rain.  
 1587. *Jan.* 3, 4, 5. Dangerous Storms,  
*Purch.* 1. pag. 58, 59. ♂  $\gamma$   $\triangle$  gr.  
 28. *distant.*  
 10. Three Anchors broke.  
 20. to *Febr.* 23. Many Flaws.  
*Febr.* 15, 16. Much Rain, Wind,  
 Cold, *Hakl.* ♂  $\gamma$   $\triangle$  gr. 24. *dist.*  
*N. L.* 52. *Aug.* 14. Stormy, many  
 Whales stopt our Fleet in a  
 Storm, *Davis.* ♂ in  $\delta$   $m$  gr. 10.  
*distant.*  
 21. Tempest, Admiral forced to cut  
 his Cable, ♂  $\delta$   $m$  gr. 5.  
 1588. *May* 10. Vehement Storms  
 for a Day and Night, ♂ in  $\delta$   
*fine*, gr. 7.  
 16. Much Wind as the Ship could  
 bear, ♂  $\delta$  21. gr. *dist.*  
 24. Tempest which shatter'd the *Ar-*  
*mada.*  
*July* 6. Tempest, ♂ gr. 22. *dist.*  
 1589. *Febr.* 18. Thunder, Rain, Light-  
 ning, ♂ in  $\delta$  gr. 14.  
*Die* 24. Great Storm, III *Corpo San-*  
*to's*, *Linschot.*  
*March* 5. Great Storms, broke the  
 Rudder, *Corpo Santo*, ♂ in 8.  $m$  gr.  
 13.  
 18. Storms, broke our Main-Yard.  
 31. Storms for Two Days and Three  
 Nights.  
 21. Great Storm continued till *April*  
 9. ♂ 8,  $m$  gr. 20. *dist.*  
*April* 9. ad 14. Storm forced us back  
 again.  
 18. As great a Storm as ever.  
*August* 4. A very dangerous Storm,  
 ♂ gr. 22.  
*Virginia.* 17, 18. Blew hard, ♂ gr.  
 16.  
 1589. *Sept.* 16. Store of Rain *noct.*  
*preced.* E. of *Cumberland*; much  
 Lightning *noct.* 17. Great Fish  
*lbid.* *Die* 25. Great Tempest, *Hakl.*  
 2. 159.  
*Oct.* 2. Two Men slain with Light-  
 ning, ♂  $\Pi$  1.  
 1591. *April* 7. Rainy. Three Spouts,  
 ♂  $\Pi$  2.  
*May* 3. Terrible Gust with Lightning,  
 tore our Fore-Sail, ♂ in *Tropic.*  
 gr. 6. 22



23. Cruel Gust of Rain.

8. Fog and Tempest, 10th. Great Storms dispersing our Ships, *Hakl.*

From April 18. to May 10. Furious Winds, *Purch* 3. 1139. & in *Tropic*. gr. 8. distant.

May 13. ad June 10. Nothing but Tornado's; we could not keep our selves dry Three Hours, *Hakl.* 103. & in *Tropic*.

Sept. 30. Cruel Storms, as if the Sea would have swallowed the Isle *Tercera*, *Linschot*. & II & gr. 5. distant.

*Corvo*. Sept. 11. ad 14. Storms Unparalell'd, *Purch* 3. p. 1629. & in *Tropic*. gr. 8. distant.

Near *Silly*. Octob. 6. Winds and Rain, gr. 11. &.

*Circ*. Octob. 11. Extreame Storms, & gr. 14. & 2.

1595. April 13. Thunder, Lightning, (*Die Paschatis*) stored with Rain, yet very Cold, & a gr. 7. distant.

1596. Aug. 23. Store of Lightning and Rain. 24. Blows hard, & m gr. 14. gr. D.

30. Boistrous South-Wind, and great Snow.

Sept. 4. Blows hard. 7. Wind high, *Purch* 1175. 8. Very Dangerous Storm, Waves as high as the Top-Mast, & a gr. 20.

1597. April mens. Cold Showrs. 6. day, Foul Weather, stiff Winds, 16. Foul Weather, & m gr. 8. dist.

May 2. Storm, foul Weather, and great Winds. 7. Foul, and Snows hard, & m gr. 15. dist.

May 24. Great store of Snow, & m gr. 15. dist.

1598. Aug. 7. *Dissecta Naves Tempestate* h & in a, vide 2 & 2.

*London*. Sept. 5. Harmful Thunder, & a gr. 11. Dist.

*Circ. fin*. Sept. Many high Winds and Rain.

Octob. 8. Admiral lost a Boat and a Man, & vel VC.

1599. April and May, Cold and Dry, & in & and v.

May 2. Sudden Gusts of Wind about this time of the year, are very Fruitful, with Storms of Thunder

and Lightning, terrible and dangerous, *Purch* I. p. 148. Our *Misen* was broke and split in the middle, *Pyrard's Voyage*, *Purch* 114. To II. & m &.

1602. Sept. 20. Tempest terrible, & in m fine, gr. 7. dist.

*Inter Oct*. 3. & 31. Tempest and Current to the South, & gr. 16.

1605. May 27. Blew hard, *C. Smith*. p. 19. & II & gr. 6. distant.

*Virginia*. June 11. Cold, Snow and Hail, & in fine & gr. 6. dist.

1606. April 1. Much Rain. 7. Great Storm. 26. Much Stormy about a Fortnight, & gr. 28. Distant.

May 4. ad 14. A Storm, & gr. 26. dist. *five SS*.

July 24. Rain and Fog. 25. Blows very hard all Night, & gr. 26.

August 4. Wind, Rain, very high Sea. 10. Marvellous high.

30. Blows very much, gr. 8. dist. in *Tropic*.

1607. Jun. princip. Gusts of Rain 11. 6 or 7 Whales, & gr. 6. dist.

14. Snow, much Wind. 15. We lay at Drift, & v gr. 4. dist.

99. Rain and Fog. 23. Hard Gale, great Rain, as in *England*.

25. About Noon, Three *Grampoises*, & in *Tropic*. gr. 4. dist.

28. Hard Gale 29. The hardest Storm in the Voyage, & gr. 11.

15. A *Mermaid*. *Die eod*. VII Whales and *Porpisces*, & v & gr. 17. dist.

10. *Procella*, *Imbres*. 13. Still Gale, & gr. 6.

July 12. More *Porpisces* than before.

14. Very much Rain and East-Wind.

16. Rain and Storm, & & gr. 10. *C. de Aguilla*. 18. Tempest and great Cold. *Arthuf*.

20. *Grando mixta Ton. & Fulgur*. *Arth*. & gr. 18. & & gr. 22.

26. *Tanta vis ventorum ut aliqui Umbilico tenus Aquis institerint*. *Arthuf*. & & gr. 26.

14. Frost and Snow, & gr. 27.

April 2. Mighty Storm for 6 hours, & in &.

Ab April 4. We lay driving to and fro in the Sea, & growing all the while.

May

- May 2. Hard Storm at South,  $\delta$  gr. 7. *dist.*  
 1608. June 2. Thunder and Lightning  
*Vide supra in  $\alpha$  &  $\gamma$ .*  
 5. Great Showr of Hail.  
*Kent.* July 26. Thunder, Lightning, Rain.  
 1609. July 24. Storm unparalell'd.  
*27. Corpo Santo's.*  
 1612. April 12. Wind blew hard, NW.  $\delta$  gr. 9.  
 1615. Aug. 11. We labour'd to get to Land.  
 14. Much Rain, Thunder, Lightning.  
*Indian Mosque split with a Thunder bolt &  $\gamma$   $\approx$  gr. 19.*  
 20. Wind blew the white salt from off the Sea.  $\delta$  gr. 12.  
*August mensē, &c. Boisterous Winds. Monson not steady, & in  $\gamma$   $\approx$ .*  
 22. Winds Impetuous while the  $\delta$  was under the Earth,  $\delta$  gr. 11.  
 23. St. Ab. At Rio de Tumba in the West Indies, Storms, Rains, Thunders haunted them till Sept. 13. that they could not find the Isle Coquez in 5 degrees. Spilbergen in Purch. 1. pag. 84.  $\gamma$  27. h.  $\approx$  9.  $\delta$ .  
 Ab. Aug. 19. ad 24. Blew very hard, Storms and Thunder,  $\delta$  gr. 13.  
 Sept. 3. A great Sea, but little Wind, E.  $\delta$  gr. 4.  
 10. Much Rain and a Corpo Santo. Foul Weather followed, the Sea racked our Ships.  
 Sept. Water as white as Milk,  $\delta$  gr. 1. *dist.*  
 23. Thunder, Lightning,  $\delta$  gr. 12. *distant.*  
 1616. April 6. Rainy and Smooth Water,  $\delta$  gr. 24.  
 10. Blew hard, a great Showr.  
 16. Tornado's from all parts of the Compass: Stinking Rain,  $\delta$  gr. 15.  
 May 3. Many Tornado's,  $\delta$  gr. 6. *distant.*  
 1617. Aug. 25. Water white,  $\delta$  gr. 22.  
 1618. April 21. Storm, Wind, Thunder,  $\delta$  gr. 23.  
 May 1. Storm for 3 Nights.  
 June 10. Foul Weather,  $\delta$  gr. 7. in  $\pi$  princip.  
 1619. Sept. 27. All Night Tempestuous, terrible. Thunder and abundance of Rain, East-Indies. Purch. 1. 660.  $\delta$  10  $\delta$ ,  $\pi$  22. h,  $\alpha$  opp.  $\gamma$ . gr. 10.  $\odot$  gr. 5.  
 Octob. 1. A Night of Wind, Rain, Thunder and Lightning, as either before or since, I never saw,  $\delta$  13.  $\delta$ ,  $\pi$  22. h.  
 1602. April 20. Tornado's,  $\delta$  gr. 17.  
 July 9. Storm, great Extremity,  $\delta$  gr. 17. in  $\pi$  princip.  
 26. Tempest terrible, abundance of Rain.  
 27. Stormy and dangerous,  $\delta$  gr. 22.  
 28. Ad Aug. 1. Wind increased still.  
 Streights. Nov. 19. Great Tempests,  $\delta$  gr. 18.  
 1621. Octob. 22. Venti furentes, Kepl.  $\delta$   $\gamma$   $\pi$  gr. 18.  
 Streights. Nov. 19. Great Tempests,  $\delta$  gr. 18.  
 1625. March a 22. ad 24. Pluit die nocteque; & five VC. Kepler.  
 April 27. Fulgur Matutinum, Kepl.  $\delta$  gr. 7.  
 May 8. Chasma, Kyr.  $\delta$  Partile in  $\alpha$   $\approx$ . 18. Hail, Snow, lb.  
 July Menſe; I observ'd it Thunder'd no less than 15 days, apud Kyr.  $\delta$  gr. 26. June 11. Terrible Thunder, Kyr.  $\delta$  gr. 13.  
 1626. July 3. Pluit noct. tot.  $\delta$  gr. 27. *dist.*  
 7. Frigida Pluvia multa.  
 23. Procella, Tonit.  $\mathcal{A}$ stus, cujus causam ignorare sa fatetur Keplernus,  $\delta$  gr. 18.  
 31. Tonit. largi imbres,  $\delta$  gr. 12.  
 1627. May 21. Ton. Cataracta,  $\delta$  in  $\pi$   $\times$  gr. 7. *distant.*  
 1628. Sept. 7. Nimbi Grandinosi.  $\delta$  in  $\approx$  gr. 3. *distant.*  
 1629. May 3. and 4. Cataracta & illuvies prodigiosa demoutib. Sudeticis Kepl.  $\delta$   $\gamma$   $\approx$  gr. 13. *distant.*  
 June 14. Sæva Tempestas,  $\delta$  gr. 19.  
 19. Fulgura minacia,  $\delta$  gr. 29.  
 23. July 3. Tonitrua Crebra. p. 348.  $\delta$   $\approx$  16 h,  $\delta$  11  $\delta$ .  
 Norwich. 1630. Octob. Great Shipwracks by Storms,  $\delta$  in princ.  $\pi$ .  
 1631. May 18, 19. Thunder, Plashing

- ing Rain, Kyr.  $\phi$   $\delta$  m gr. 12.  
 June 14. Thunder and Plashing  
 Rain, Kyr.  $\phi$  gr. 11.  
 Hamburgh. 1632. Oct. 11. Inundati-  
 on, Norimberg, Ephem.  
 1634. Octob. 11. Inundation, Kyr.  $\phi$   
 2 gr. 10. where 6133 men were  
 lost, Galv. Append.  
 Oct. 11, 12, 13, 14. were nothing  
 but rainy, Kyr.  
 1635. May 19. Plashing Rain and  
 Thunder,  $\phi$   $\pi$  2 gr. 5. dist.  
 June 27. Great Tempest of Hail,  
 &c. Kyr.  
 July 26. Thunder, Lightning, Rain.  
 August 10 m. Lightning ab Oriente,  
 & five QV.  
 1636. Octob. 22. Tempest lasted 5  
 days at Afrachan, Olear.  $\delta$  in  $\nu$  9.  
 2 and  $\phi$   $\delta$  in  $\pi$  26.  
 Kov. 11. Tempest, Olear. 188.  
 13. Tempest continues.  
 14. Tempest abated a little, it  
 grew again, we lost our Anchor,  
 Rudder and Mast, Ib.  
 1637. June 15. Thunder, then a  
 Showr. Kyr.  
 1638. Octob. 21. Dry, Tempest of  
 Thunder and Lightning.  
 1639. Aug. 29. We had those  
 Storms (call'd *Travado's*) which  
 are quickly over, Olear. Mande-  
 so's Voyage, h  $\delta$  in  $\pi$  &  $\delta$ .  
 1640. May 17. Harmful Thunder  
 and Lightning.  
 Sept. 23. Storm of Wind, and  
 great Water-Gust,  $\delta$  h  $\delta$   $\pi$ .  
 Octob. 18. Chasmata.  
 1641. Aug. 25. Audib. Thunder,  
 &  $\pi$   $\pi$  gr. 5.  
 1643. Sept. 2. ad 6. Much Rain, Kyr.  
 & gr. 5.  
 1644. April 23. & 24. ad 30. Frost  
 and Snow,  $\delta$  h  $\delta$  gr. 25. in  $\pi$ .  
 May 3. Chasma, Kyr.  
 16, 17, 18. Thunder Harmful,  $\delta$   
 in  $\nu$  gr. 10.  
 23. Men slain with Thunder,  $\delta$   
 in  $\nu$  gr. 6.  
 1645. Sept. 4. Extreme Wet. Fair-  
 fax's Soldiers and Horses dyed,  
 Sprig. 9, & gr. 19. in  $\pi$  &  $\delta$ .  
 Oct. Extreme Wet, the Ways un-  
 passable for Military Carriages,  
 Sprigg. & m 8. gr. 18.  
 1646. May 4. Thunder Harmful Kyr.  
 26. Thunder and Hail, Kyr.  
 June 23. Terrible Thunder.  
 July 11, 19. Thunders.  
 1647. Nov. 11. Dark and Tempestu-  
 ous Night, when his Majesty  
 Charles the I. escaped from Hamp-  
 ton Court, & in  $\delta$  gr. 18.  
 1648. Nov. 9, 19. Near Andros Ile,  
 a Spout near a quarter of an  
 hour, & h  $\delta$ : 1660. Oct. 30. In  
 Hertfordshire, Calum ardens,  $\delta$   
 &  $\delta$ , supra in  $\nu$  2.  
 1668. Dec. 17. R. Hail Th. Lightn.  $\pi$   
 11. h, 27. vide supra in  $\nu$  2.

$\phi$  26. Great is our Subject, and great must be the Care and Pains to Master it: We travers'd the World, the Reader sees, to display our Aspects Greatness. We could wish we had Circumnavigated the Globe, and taken Observation all the way. Great use, in the mean while, may be made of the Mariners Journal, to teach us to look up to the Stars and Bright Asterisms, to learn, not so much their Number, as their Power. Note in the mean time the Table presents the *Opposition* mostly, for Brevities sake.

$\phi$  27. We have already labour'd to preclude all Objections that we suspect may be brought against these Tables, their Imperfection, or their Prolixity. 'Tis in vain to struggle with the *Libyan Hercules*, we lift our Adversary up into the Air, and he must expire.

$\phi$  28. As to our large extent of the  $\delta$ , even to a Semisextile, Let it take its Fate; let the Censurer of these Papers, as in some Tradefmen's Bills, abate what seemeth unreasonable, so he allows us something for our Pains. 'Tis not the first time we have done so; yea, we are required to allow so much in some grand Effects. *Eichstad*, upon his own Observation, I see, hath abetted the *Quincunx*, whole Influence, when he found, he was in haste to attest it; and thereupon inserted (though out of place)



a *Notandum* at the end of his Calculation, *A*° 1644. We have not given you our Word here, but some Evidence also, though not so often as we might, both for the one and the other. We might do as much for the *Semisextiles*.

§ 29. And now, what shall I say? What New Thing comes under Observation! Storms are no News, nor Thunders, nor Rains: The Effects are common, spread over the Face of the Earth; But the Man of Experience, with the Man of Science; the Mariner and the Student knows not that h and  $\delta$  are many times the Signal Causes of such Effects; yea, and have some Causality more or less, according to their Stage; so that wheresoever they be, in Aspect, or out of Aspect within 30 degrees, or without, they know they are engaged, as sure as the Sun *knows* his going down.

§ 30. And this is visible in our Table, to those who will please to ponder the frequency of the Fits of the Weather that return within a Months time. As in 1540. 1550. &c. in *Febr.* 1556. In *Jan. & June*, 1557: or shall weigh the Obstinate Constancy of a Churlish; yea, sometimes of a Savage Constitution, as in *June* 1549. In *June* and *July*, 1557. Add 1585. where *July*, *August*, and *September* are troubled with Cold; or *May* and *June* 1588. which year the *English* and the *Spaniard* will never forget: wherein we would not be thought to *derogate* from the *First* Cause, but only as we are now engaged, do assert his Wisdom by not abrogating the *Second*, created and assumed by himself.

§ 31. Nor do we stay here: For *March* and *April*, 1589. *April* and *May*, 1591. *August* and *September*, 1596. *April* and *May* again, 1597. *Sept.* and *Octob.* 1598. *May* and *August*, 1606. *June* 1607. are extant in the Table. And what need I wade further?

§ 32. 'Tis Want of this, made *Kepler* at a stand, when he professes he understood not the Cause of Wind, Rain, Storm and Thunder in the beginning of *Aug.* 1626. *Initium* (saith he) *cui ascribam non habeo*. When as there are sundry Causes, some nearer, some remote. Amongst the remote, the distance of h and  $\delta$ , 18 degrees at furthest; and is it not reasonable to think so? When he finds  $\varphi$  near upon as distant from  $\delta$  on one side, as h is on the other. Such Curiosity there is in the Planetary distances, as we have before admonish'd. The like loss he is at for his *Pluit tota nocte*, *July* 3. *Anni ejusdem*. For though h and  $\delta$  be 27. degrees distant, they are not excluded from their Share in the Effect; for they find several ways of Union, as in our Natural Body it happens, not so obvious to be remarked. Little thought he of the  $\phi$  of  $\delta$  and  $\varphi$ , but at 6 degrees distance; Little thought he of the Moon's application to the Opposite of h, in process of the whole Night. *In fine*, Little thought he of the numerous Fixed, then and there posited, which connects  $\delta$  and h between  $\alpha$  14 and  $\pi$  11.

§ 33. Shall I give you one Instance more in *A*° 1627. We find Lightning; and Rain, and Cataracts for 40 dayes in the Months of *May* and *June*, in which while Thunder and Lightning 14 times. Amongst other Aspects we find our  $\phi$  of h and  $\delta$ . *Kepler*, whom I never mention without an Interiour Honour, flies to the Nature of the Soil, to the exudations of Oily Plants, and Minerals, and Fossiles, which he saith are full of *Vitriol*, &c. Whereupon he produceth a like place of Medicinal Waters and Quarries of *Slas*, which more frequently suffer by Lightning, allowing himself only one Thundring day to our Aspect. Now in all this 40 days there is not an Aspect likely, but an  $\phi$  of  $\nu$  and  $\odot$ ,  $\nu$  and  $\varphi$ , and a \* of h and  $\nu$ , to which \* he makes his recourse, conjecturing, that 3 or 4 Aspects could not shew themselves so illustriously, but that this \* opened the

the Earth, to emit its Exhalations for half a year together. But omitting that manifest subter-fuge of an half-year-Aspect, for the account of 40 days; an Aspect that is not so moist, or so impregnative with Moisture, nor so Potent, seeing tis but a \*. He must have an hard Forehead that will deny an  $\phi$  of  $\psi$  and  $\varphi$  to have an Hand in these Excesses, when he shall see *Tonitrua horrenda*, upon the very Day, and Cataracts the day after. Then he must be very Resty that will not allow it for probable at least, that the meeting of our  $\phi$  of  $\eta$  and  $\delta$ , with this  $\phi$  of  $\psi$  and  $\varphi$ , did not contribute to all those numerous Thunders within those Limits. Does not Nature it self teach us to enlarge these Aspects, and make them comprehensive of these Celestial Tumults, that they may be laid at their Door? Single, neither one nor the other can do it, but mixed, they may; for at the end of 40 days  $\eta$  and  $\delta$  are but 23 degrees distant. Whosoever therefore shall say,  $\eta$  and  $\delta$  did none of this, neither by themselves, nor by the help of others,  $\psi$  had as good tell us there are no such things in Nature, that they are upstart new invented Terms, that there is no such thing as *Arab*, that there is no such Man as *Kepler*, that He; and all that look upwards, are, and have been Fops and Simpletons; or if this last be no great absurdity, then let them but confess what they see with their Eyes, that  $\psi$  opposed the *Pleiades*, and  $\varphi$  not far off from them, Stationary all the Month; and if he knows not what this signifies, 'twill become a man to learn.

§ 34. There remains a doubt about Inundations, which I have ventur'd to assert, do not break in so often under this Aspect, as under some others. Yet, so it haps that the Three First Instances of this Table are solely concerning Floods. The Aspect with  $\varphi$  must carry away the name for Floods; sometimes with  $\odot$ ; sometimes with  $\varphi$  but most with  $\delta$ . That  $\eta$  and  $\delta$  may sometimes wet their Feet, or wade deep into the same, must not be denied. But we must enquire whether it be so frequent,  $\delta$  and  $\varphi$  shall cause an Excess of Wet in more parts of the Zodiac than  $\eta$  and  $\delta$ ; their Situation here shews the reason.  $\gamma$  and  $\alpha$ ,  $\kappa$  and  $\pi$  are the Signs, for the most part, where a Flood appears under  $\eta$   $\delta$ , being the Equinoctial Signs.

Next, it may not be amiss to see whether, when a Flood happens under our Aspect, an Aspect of  $\delta$  or  $\odot$  with  $\varphi$  be not as Paramount there as  $\eta$   $\delta$  can be? If so, the Effect must rather be imputed to that Cause which oftner obtains; though he who hath the fewer Votes must not be excluded. But  $\eta$  and  $\delta$  doth not come near the *wringing-wet* Influence (as Housewives call it) of  $\delta$  and  $\varphi$ ; *Ergo*.—Take therefore the first Instance of *Febr. 11. A° 1500*. There's  $\delta$   $\eta$   $\delta$  in  $\gamma$ . There is so. Now stretch it as far as you are able; when all is done, there will be found  $\delta$   $\odot$   $\varphi$  (remember, an Aspect which is next to  $\delta$   $\varphi$  for Excess of Wet) which sticks closer, and reaches further: That Aspect then must be reckoned the main procurer of the Effect. The Rain and Snow which contributed to the Flood, fell in *November*, *December*, or *January*, or in the first week of *February*, or in all together; I find in *November*  $\odot$   $\varphi$  distant but gr. 15. In *Dec. Die 10.* but gr. 8. distant; In *January* but one degree; In *February* when the Flood came, but 7 gr. distant; while  $\eta$  and  $\delta$  come not in Play till the midst of *December*; from which time They are allowed to contribute, but not to evacuate the Right of the other Aspect. The same Answer must serve to the 2d or 3d on *S. Thomas Eve, Gem. Lib. 2.* For  $\eta$  and  $\delta$  were opposed, 'tis true, and in a Critical place, *in princ. 11.* But who but  $\delta$  and  $\varphi$  (I say nothing of her being Retrograde the while) were conjoyned all the preceeding Month; and on the very day of the  $\phi$   $\eta$   $\delta$  was within less than 15 degrees dist. so that the  $\phi$  of  $\eta$   $\delta$  in  $\delta$  Plaque

tique of  $\delta$  &  $\delta$ , which *Nexus* our Planets one with another in a Triple Cord, let me tell you, brings Excesses of all kinds. The 3d of  $\Delta^o$  1511. if it were in the Month February, as the word *Rursus* in *Gemma's* Margin may import, *Lib. II. p. 151.* That falls under the Signs  $\vee$  and  $\sphericalangle$ . So,  $\Delta^o$  1629. May 3. and 4. Otherwhile  $\delta$  in  $\sphericalangle$ , as  $\Delta^o$  1570. Aug. 1. but  $\Delta^o$  1627. concerning which we have spoken already as to its Cataracts, (which are Flouds in another term) the Signs were  $\times$  and  $\pi$ .

'Tis true,  $\Delta^o$  1551.  $\phi$   $\hbar$   $\delta$  in  $\sphericalangle$ , but  $\odot$  and  $\text{♀}$  were within less than half a Sign, in April, which must contribute to a Summer Floud. Thus with such Remarks as these, we assail the Difficulty.

$\phi$  35. The Comets we shall represent as they succeed orderly with the Places of our Planets in the Dexter Margin, whether  $\delta$  or  $\phi$  presuming it observable, if they be at that time within the Compass of a Sign (*i.e.*) 30 degrees, though the Terms of that distance lye under several Denominations, as  $\text{♄}$   $\text{♅}$   $\text{♆}$ , yet they are as in the same Sign.

$\Delta^o$  1500. Comet in April for 18 days (Others, four Months) in Sept. one *suò Signo*  $\vee$ , said to be *Horrendæ Magnitudinis*, attested by several, *Lycosthenes*, *Funcius*, &c. our Planets lye at 28 gr. distance, *viz.*  $\hbar$  23.  $\delta$ ,  $\delta$  21.  $\pi$ .

$\Delta^o$  1505. *Circ. Fest. Michaelis & Novilun. Novembris.* A Comet like the  $\text{♄}$  but not so bright. It lasted till *Shrovetide* the following year. *Linturium apud Lubienec.* Now in Sept. 27. our Planet lay thus at gr. 16. distance,  $\hbar$   $\text{♄}$  29.  $\delta$   $\text{♄}$  15.

$\Delta^o$  1506. April 12. *Cometa per 5 Dies* (others 25.) *visus est, Galvis.* our Planets gr. 2. dist.  $\hbar$  10.  $\text{♄}$ .  $\delta$  12.  $\text{♄}$ .

$\Delta^o$  1513. *A Dec. fine ad Febr. 19. Anni sequent.* our Planets are set at gr. 2. distant,  $\hbar$  23.  $\pi$ ,  $\delta$  21.  $\pi$ .

$\Delta^o$  1516. Comet said to shine a little before the Death of *Ferdinand King of Spain*: which must be about January,  $\hbar$  13.  $\text{♄}$ .  $\delta$  9.  $\text{♄}$ .

$\Delta^o$  1521. *Mense Aprilis, Cometa in fine*  $\text{♄}$  *Ricciolus*,  $\hbar$   $\text{♄}$  15.  $\delta$  5.  $\text{♄}$ .

$\Delta^o$  1528. Jan. 18. *Cometa in*  $\times$ , in the Opposition of  $\hbar$ , saith *Ricciolus Hevel.*  $\delta$  in  $\vee$  o.  $\hbar$  in  $\vee$  27.

$\Delta^o$  1538. *à Jan. 27, ad 21.* Comet observed to appear in  $\times$  gr. 5. *Lat. Bor. gr. 17. in ipso Pegasi Collo*, also in oppositione Saturni, saith *P. Surdus*, apud *Ricciol.*  $\delta$  27.  $\text{♄}$ ,  $\hbar$  20.  $\text{♄}$ .

$\Delta^o$  1556. *Sub initio Martii Cometa equalis fere Lunæ Dimidio. Gardan de Variet.* It was seen *Die 50. supra Spicam juxta alam Virginis sinistram. Die 9. Juxta arcturum, Ricciol. Ducavit ad finem* Aprilis,  $\hbar$  11  $\vee$ .  $\delta$  4.  $\vee$ .

$\Delta^o$  1557. *ab. Aug. 6. ad 24.* Comet in  $\text{♄}$ , *Stadium, p. 66. Bunting*  $\hbar$  8.  $\text{♄}$ , and  $\delta$  16.  $\pi$ .

$\Delta^o$  1559. *Sub finem Maii, usque ad Diem 22. Junii, Ricciol.*  $\hbar$  28.  $\text{♄}$ .  $\delta$  in 12.  $\text{♄}$ . *Die antem Junii, 10.  $\delta$  Retrograde,*  $\hbar$  o.  $\pi$ ,  $\delta$  8.  $\text{♄}$ .

$\Delta^o$  1560. April *Diebus 28. in Galliis visus est Cometa, Roch.*  $\hbar$  5.  $\pi$ .  $\delta$  7  $\pi$ .

$\Delta^o$  1586. Comet in *Virgine.* They name no Month if the First half year it happened, our  $\delta$  sat hand, in March, April, May.

$\Delta^o$  1596. In Germany, July 9. *Inter Stellas urse Majoris, Rothenback, Rothmannus, apud Hevel.*  $\hbar$   $\text{♄}$  26.  $\delta$   $\pi$  7.

$\Delta^o$  1604. Octob. 3. in  $\text{♄}$  gr. 17. *Eckstorm apud Lubien.*  $\hbar$   $\text{♄}$  11.  $\delta$   $\text{♄}$  24.

$\Delta^o$  1647. Nov. 19. *Arcturo paulò minor in gr.  $\sphericalangle$ , cum Lat. bor. 26.* seen for 2 days only, *Hevel.*  $\hbar$   $\text{♄}$  27.  $\delta$  22.  $\text{♄}$ .

$\Delta^o$  1664. Dec. 4. in  $\text{♄}$   $\pi$ , & *Lat. Austr. 22. ad Rostrum Corvi, Hevel.*  $\hbar$  29.  $\text{♄}$ ,  $\delta$  13.  $\vee$ .

$\Delta^o$  1682. Aug. 16. Comet near the Feet of *Ursa Major*,  $\hbar$  then in  $\text{♄}$  2.  $\delta$  in  $\text{♄}$  29.



§ 36. Concerning which Comets, if it be not *Yet*, it *Will* be a Plain Case; that they depend on the *Sears*: the former Age perceived it: For from thence *Ricciolus* had his Observation that the Comet 1528. lay in *Opposition* to  $\eta$ . And again, that of  $\text{A}^{\circ}$  1538. from *P. Surdus*, it was opposite to  $\eta$ . In like manner another Historian of the *Gennese* Affairs, teaches us, that the Fam'd Comet, 1558. was sited in  $\varphi$  to  $\delta$ , *Bizar. apud Hevel.* Now, whether *Opposition* be taken in an exact Mathematical Sense, or in a Vulgar, for any Distance of Two Bodies in a right Line: as I see these Authors take the Word at large, for the one and for the other; I say either of them proves the Dependence of the Phenomena from the Planet. Thus, That in the Constellation of  $\kappa$  (the *Southern* of the Two) was Opposite Diametrically, as *Surdus* saith, to  $\eta$  then posited in  $\pi$  20. See! to the Sun it is *not* Opposite, no, not by accident; to  $\eta$  he *is*. It owes its being then, (*i. e.*) its Lustre, for a great part to  $\eta$ , as the Full  $\text{M}$  owes its Lustre to the *Opposition* of the Sun. In like manner doth the Fam'd Comet 1556. owe its Existence to the *Opposition* of  $\delta$ , *Mars* being then in the beginning of  $\gamma$ , the Comet shewing it self in the Opposite  $\simeq$ . Yea, grant that the Sun was not far off about  $\kappa$  20. Yet who will not say, but that the Sun it self is, in some sort, accidental to the generation of the Comet, seeing These Comets are generated in the Opposite Point. To end Disputes, let us attend to the Sun, if you please, on the One side of this Comet, and  $\eta$  in  $\gamma$  11. on the other side, and between them the Three,  $\odot \delta \eta$ . 'Tis as clear as Light, that the Comet draws his Original.

§ 37. That for further Proof, if need require, let the Reader cast his Eye on the Comet, 1516. there he shall find  $\eta$  and  $\delta$  within gr. 4. *Anni* 1512. 1560. within gr. 2 one of the other. And how could the Former Century chuse but observe, at least, leave it as remarkable to Posterity, if they perhaps may make some Conclusion from thence. Now, whereas in other Comets recited, our Planets lye at remoter distance; I desire it may be observed, that Those who lie within gr. 8, 13, 16. &c. the most remote are found within the Compass of 30 degrees, the Confine of a Sign; which are not therefore to be, by a Careless Presumption, reckoned for nought, but to be studiously remark'd; in as much as we ought not to confine Nature to our Shallow Pedantique Dictates, but to follow and trace her in all her Liberties she takes, which will be found to have their terms of Confinement, as the Hunted *Hare*, which, notwithstanding all its Breathing, is known to keep within such a Compass. So that the First Comet of 1500. where  $\eta$  was in  $\delta$  29. and  $\delta$  in  $\pi$  21. is owing to the Neighbourhood of three Planets; as sure as those which are found when  $\eta$  and  $\delta$  shake hands within a degree or Two.

§ 38. Say we the same of Those 2 or 3 Comets which fall under the *Opposition* of  $\eta$  and  $\delta$ , *Anni* 1521. 1529. 1647. On which we enlarge not, because we hope there is no need.

§ 39. Especially when  $\varphi$  lends her helping hand, with  $\eta$  and  $\delta$  so we find it about 4 or 5 times in our Beadrol immediately preceding in the Leading Comet,  $\text{A}^{\circ}$  1500. In the following one of 1505. In the Third of 1556. In the Fourth of 1596. In which let me tell you  $\eta$  and  $\varphi$  are found most part of nearer Conjunction, then  $\eta$  and  $\delta$ , *viz.* within 2 or 3 degrees. As  $\text{A}^{\circ}$  1500. when  $\eta$  and  $\delta$  are almost within a Sign Distant. So  $\text{A}^{\circ}$  1656. when  $\eta$  and  $\delta$  were 7 degrees asunder.  $\text{A}^{\circ}$  1596.  $\eta$  and  $\varphi$  within 8 degrees, and  $\delta$  distant twice Five. I leave it to your Choise; whether you will please to say, that  $\eta$  and  $\delta$  assisted  $\eta$  and  $\varphi$ ? Or *Vice versa*; though without Controversie the Less is *Accessory*, and the Greater is *Principal*. The Truth is, and that 'twill come to; Comets, and all other Productions Celestial, depend upon the Conflux of the Heavenly Bodies;

and certain Positions: though we have been forced in a more Prolix Method to Drill the Reader on, as we have often said; if he would grant us *some parts of Truth*, before we could expect him so liberal as to grant the *whole*. An  $\phi$   $h$   $\varphi$  seems to occur more rarely in this Affair: the  $\delta$  of  $\varphi$  with  $h$  Platique, does often occur. Platique I say, for as for the Partile, 'tis in vain to pronounce, till the Age shall think it worth its while to give us the Motion of  $\varphi$  for some Centuries past.

§ 40. Our hand is in, and we intend no repetition of the same. What say we then to  $h$  and  $\odot$ ? They put in at  $\delta$  and  $\phi$  also, and therein they seem to surpass the Aspect of  $\varphi$ : But yet, I know not what an exacter Search may find,  $h$  and  $\odot$  appears but thrice in the Cometical Scene, and by  $\phi$  but twice. The First,  $A^{\circ} 1500$ . May 20. 10 gr. dist.  $\approx 28$ .  $h$   $\pi$  8.  $\odot$ . (See before in  $\delta$  and  $\varphi$ ) The next,  $A^{\circ} 1506$ . in Aug.  $h$  and  $\odot$  in  $\Omega$ . The 3d  $A^{\circ} 1633$ . June 19.  $h$  and  $\odot$  in  $\mathbb{S}$ . The  $\phi$  on April 1. 1512. toward the end of  $\gamma$  and  $\triangle$ , and again in That still Famous 1618: Nov, 14. in the beginning of  $\pi$  and  $\gamma$ .

§ 41. An Observer would make more use of this Table. For First; our Planets are near enough, I tro.  $A^{\circ} 1506$ . 1513. 1516. 1556. 1560. Why, in all these,  $h$  and  $\delta$  are within gr. 8. at farthest; yea, but 4. yea, but 2 distance conjoyned. But  $A^{\circ} 1557$ . and 1559. they lye at distance but gr. 8. opposed. And here by the way, observe more frequent Effects at  $\delta$  than  $\phi$ .

§ 42. Observe, 2ly. that you find  $\delta$  and  $h$  both in  $\gamma$  twice,  $A^{\circ} 1528$ . 1556. and learn what *Keckerman* hath observed, That Comets love to appear near the Equinox: and that near the Autumnal Equinox, rather than the Vernal. The reason we have blurted out oft enough: The time is yet to come that  $h$  and  $\delta$  have appeared in  $\triangle$ , to cast a Comet in  $\gamma$ : What was done in former Countryes troubles me not: 1000 years ago is another Case.

§ 43. 3ly. That you find  $h$   $\delta$  in  $m$ , and in  $\approx$  but not both in  $\approx$ . 4ly. that  $h$  and  $\delta$  are found in  $\Omega$  together,  $A^{\circ} 1506$ . and in  $\Omega$  with his Neighbour Equinoctial Sign  $\pi$ .  $A^{\circ} 1538$ . The Equinoctial Sign puts us in mind of *Keckerman* again; but  $\Omega$  puts us in mind of an Answer to a serious exception; viz. Why do so many Comets shew themselves near the Feet of the Great Bear? Have recourse to *Hervelinus's* Table, and you shall see this verified in that of August, 1506. What is that of 1521. *in fine*  $\mathbb{S}$ ? But letting that pass, come to 1531. 1539. 1558. 1582. 1596. 1607. that Famous one of 1618. and the last that shewed it self to us, Aug. 16. 1682. 'Tis odds but you will find some Celestial Wayfarer hous'd in  $\Omega$ , or Affecting it with  $\mathbb{S}$  it may be, before, or  $\pi$  after. Surely where the Comet appears in the Months, June, July or August, 'tis a plain case some Planet must be near  $\Omega$  in those Months. Believe me, in Three or Four of the other Months we find a Planet in  $\approx$ , which is the facing Sign of  $\Omega$ ; even  $\gamma$  that great Planet.

§ 44. Observe, 4ly. that  $\pi$  and its opposite  $\gamma$  carry the greatest Sway in this Affair, concerning which we cannot opportunely here enlarge.

§ 45. Observe, 5ly. that the Comets of 1528. and 1538. shewing themselves at the same time of the year, and in the same place of the Zodiack, with the same note of an  $\phi$  to  $h$ , would give occasion to think it were one and the same Comet, whose Chronology was multiplyed Two for One: But the contrary is true; Two they were, like one another, but like Brothers born at 10 years distance. This ministers another occasion to tell, that there are more Comets appear in January than in any other Month: And for the Summer Months, the greatest Total appears in Aug.

So that our Notion of  $\infty$  and  $\infty$  is confirmed: And that of the Equinoctial Sign  $\pi$ . See Ricciolus's Table, *Almagest*, 1. Part. pag. 23.

§ 46. In the next place, Those Comets who are reported to have opposed  $\hbar$ , might as well have bin said to oppose  $\delta$ . Certainly if it appear in  $\times$ , as 1528. it comes as near to the beginning of  $\gamma$ , as to the end. So in the other of 1538.  $\infty$  27, which is  $\delta$ 's place, comes nearer,  $\times$  5. then  $\pi$  20. doth, which is the place of  $\hbar$ . 'Tis true, in that of 1556. They were so near together, One can make no Comparison. Only this I would be at, if  $\hbar$  may not be excluded,  $\delta$  I hope shall be taken notice of.

§ 47. No more of this Gear will I trouble the Reader with in this place, only let us keep in remembrance, That Threë of these belong, indeed, to no one Aspect of the Superiors, but to all Three. On which account, Astrologers have the Heart to predict them sometimes, and with Thanks to the *Arabians* they hit for the most part.

§ 48. As to Earthquakes, I observe that their Number seems to be equal with that of the Comets, which shews that  $\hbar$  and  $\delta$  deal in such Trade, and are apt to give Fire to one as well as the other. I do not find that This always isjoyned with That, or that with This. Some years bring one without the other, some contrary. But withal some years usher in Both; such were the years 1500. 1506. Cometical years in the First, of which *Vesuvius* is noted to have Flam'd by Ricciolus, and Constantinople to have Trembled, *Rockenbach*. The like they testifie,  $\text{A}^{\circ}$  1516. and  $\text{A}^{\circ}$  1595. which two last I have specified in the Table; because they seem more determinate then the other, falling nearer to the *Epochæ* of the Comet; for so I reckon that which followed the Comet in July, 1595. to have shewn it self in Sicily, about September: much concerned the mean while that the precise Days are not specified by the less Curious Historian.

#### Of Earthquakes.

- § 49.  $\text{A}^{\circ}$  1506. *Pestis & max. T. M. Constantinopoli, Rockenbach*.  
 1508. *Mense Aprilis, T. M. Eichstad, (h 7.  $\pi$ ,  $\delta$  10.  $\pi$ ), pag. 42.*  
 1516. T. M. near *Norimberg, Rockenbach*.  
 1531. *Jan. 36. Lisbon: 1500 Houses overturned, Mizaldus, 244. lasted 8 days, Lycost. h 8.  $\pi$ ,  $\delta$  22.  $\gamma$ .*  
 1536. *April 1. Etna Flames, Lycost. Vesuvius burns all the year,  $\delta$  22.  $\infty$ ; h 17.  $\infty$ .*  
 1538. *Vesuvius flam'd thrice this year, Rockenbach.*  
 1540. *January 25. At Chemnitz in Misnia, Lycost. 572. h 8.  $\infty$ ,  $\delta$  9.  $\infty$ .*  
 1542. *At Constantinople, Eichstad.*  
 1548. *Febr. 9. At Basil,  $\delta$  12.  $\gamma$ , h 14.  $\gamma$ .*  
 1551. *May 25. In Surrey, Stow, h 22.  $\infty$ ,  $\delta$  13.  $\infty$ .*  
 1554. *March 21, 22. At Louvain, Gem. h 21.  $\times$ ,  $\delta$  1.  $\gamma$ .*  
 1556. *April 10. T. M. h 18.  $\gamma$ ,  $\delta$  3.  $\delta$ .*  
 1580. *April 6. 11. May 1. Great Earthquake throughout England, Stow, taken notice of by Foreiners, Thuanus, &c. h 16.  $\infty$ ,  $\delta$  27.  $\infty$ .*  
 1585. *Aug. 4. Nottingham, Kent, h  $\gamma$  19.  $\delta$   $\infty$  15.*  
 1586. *Dec. 23. T. M. Destroyed most part of the City of Guatimala, Purch. and a Vulcan had 6 Months vomited Flame, h 18.  $\gamma$ .  $\delta$   $\pi$  29.*  
 1591. *From July 6. to Aug. 12. In the Isle of St. Michael, Purch. p. 1677.  $\delta$  24.  $\gamma$ , h 10.  $\infty$ .*  
 1595. T. M. in Asia, following the Comet seen in July, *Hist. Sicul. apud Ricciolus.*  
 1596. *In Mexico, July 22. Aug. 30. September 4. h  $\pi$  14.  $\delta$   $\infty$  4.*



1606. Oct. 13. Not long, but terrible,  $h$   $v$  2.  $\delta$   $v$  22.  
 1632. At Naples, Octob. 8.  $h$   $m$  27.  $\delta$  27.  $m$ .  
 1636. Sept. 16 Kyr.  $\delta$  14. 2,  $h$  7.  $v$ .  
 1637. July 1. Tours.  $\delta$  14.  $h$  22.  $v$ .  
 1638. September 7.  $\delta$  2.  $v$ ,  $h$  8.  $m$ .  
 1643. Sept. 6.  $\delta$  5.  $v$ ,  $h$  3.  $m$ .  
 1646. April 11. May 29.  $\delta$  3.  $v$ ,  $h$  12.  $v$ .  
 1648. Gr. Tremblement, De Terre.  
 1667. July 18. Bickley, in Oxfordshire,  $\delta$   $v$  19.  $h$  2.  $m$ .  
 1677. Nov. 13. In the Isle of Palma. Mr. Hookes Lectures, II 7.  $h$ , 2 7.  
 1680. Hevelius, July 24. Aug. 6. Milain. 60 Persons lost,  $\delta$  1.  $v$ ,  
 $h$  15.  $v$ .

March 13. Vesuvius throws out Fire,  $\square$   $h$   $\delta$  in Trop.

§ 50. He who shall please but to Canvass this Table after the Method pointed at in the Precedent, shall see all things Consonant and Consequent. He shall see the History of Comets and Earthquakes. They both lye in a Belly: He shall see that the same Signs, for the most part, Fashion One, and produce the Other. They must necessarily do so, where they come upon the Stage at the same time (*i. e.*) within a Month or Two, more or less, as the Parturient Pangs are more or less tedious. He shall see that the  $\delta$  and  $v$ 's Platique are to be regarded; though in some determinate Places, even the Partile  $\delta$  gives a great Lift. He shall see this, that (if I mistake not) Nature is at more cost to make a Comet, than to move the Earth: Seeing the Earth is moved but in part, an Island, or a Province; but your Stupendious Comets are universally visible all the Earth over.

§ 51. Scarce any difficulty remains about them (at least which I can hope to master) but this: Why Comets universally appearing, should be visible to Asia, before they are observed in Europe: Why, in some parts of Europe before others. So I find it happens; and Hevelius (I remember) takes notice of it. If all Comets were sublunar, as Ricciolus thinks it possible, then something might be hammer'd out for a kind of Answer. But seeing that great Artists will not have it so, let me propose that Doubt which I cannot solve. The Reader, I hope, doth see some reason why we admire, though in Prospect, the approaching Superiour Planets; I look'd on them with Veneration, as I do a Mountain, seeing plainly a Footstep of That Immenity whose Consideration swallows up the Considerer.

§ 52. In regard of which I come the more unwilling to the Introduction of Pestilences, least I should be thought such a Patron for 2d Causes, as in the least to presume upon the *prime* Being. As he who acknowledgeth a Creation, confesses the *prime* Cause; so he who acknowledgeth Providence, must confess a *Second*. And what are the the Planets? They are no Idols, nor the Work of any Strange God to us. Jannes and Jambres did not make them. No Miraculous Magique placed the least of them in the Firmament; nor can any Charm (whatever the befooled Heathen Imagine) pull them down. They are the Creatures of the pure Virgin Creation, before ever it was besmear'd with the unwholsom Mists of Heathen Idolatry. But what then? May not God use his good Creatures sometimes to scourge us? We cannot say but we have deserved; and that the Divine Wisdom hath good ends in it, most Commonly to the Sufferer, always to the Survivor, that the Generality may see the Fairness of God's Creation, leave him no Arms Defensive or Offensive, against a Daring Presumptuous Rebel.

§ 53. If God hath ordained Sideration of Plants, or blasting of Fruits, must we accuse the Creation? For if God please, upon just Provocation to strike a Sinner dead with Lightning; or Petrifie him as a Monument of a Salt Stone, *his di Signis*, Who shall charge Him, or the Work of his Hands, Foolishly. 'Tis the same Case of an Aspect. They are Malignant: What hinders more, then that a Viper or a Scorpion should be Malignant? Yea, but a Malignant Aspect comes of necessity; and so see'meth to evacuate Religion, and the Great Duty of Prayer, since come it must, and will stay its time, whether we regard Religion or no.—Come it must: grant it: And 'tis Fatal. It may in a Sense be so. But here is Room for Religion: For God can Deliver, even in Fatal Dangers. A Danger that is unavoidable, *Quoad adventum*; *Quoad Eventum, aut exitum*, may be safely passed. A Storm is Fatal, and the Mariners know that such a time of year in such a Reach, it must be Tempestuous. But then by grace done to Religion, God may carry them through. If I go to Sea, let me live Religiously, not in hopes, it may be, that God will never send a Storm; but that in case of such danger, I may Weather it. There's Fruit enough of Religion; yea, in case of Shipwrack, If I come safe to Land; the saving of my self Demonstrates, that I do not serve God for Nought.

§ 54. If this Rubb be cleared; for I dare not be so much an Astrologer, as to be an Enemy to Religion; then I say we pretend to nothing but what is clear and confessed; even by the Vulgar themselves, but that they are not used to spinning of new Conclusions from a Plain Thread, viz. that the times of the year unseasonable, are unhealthy. That an excess of Heat, even in Season, much more out of Season, is dangerous to all Bodies. This Distemper proceeding from the Planet, which the Vulgar themselves, that can spell the Word, will not deny. Nothing hinders but that an Aspect of the Superiour Planets may be reckoned more or less dangerous at certain times. Foggy Air is unwholsom; Harvest time is obnoxious to Feavers; and a Hot May makes a fat Church-yard. Put this into terms of Philosophy and it signifies an Aspect of  $\eta$  and  $\delta$  are somewhat Equivalent to Malignant about  $\pi$  and  $\epsilon$ , brings Feavers, and an Aspect of  $\eta$  and  $\delta$  in  $\pi$  &  $\epsilon$  in May time, kills us up.  $\delta$   $\eta$   $\gamma$  brings foggy, choking Weather.

Morborum Epidem. Catalogus a Centuriæ Proximè Elapsæ principio usque ad Annum 1683. quotquot ad  $\eta$  &  $\delta$  Asp. reduci posse videantur.

1500. Great Pestilence, Stom. The King (Henry VII.) went for France.

May 8. The Sickneß then threatening.

Note, that the increase occasion'd the Kings departure, May 8. while  $\eta$  and  $\delta$  were at that present with in gr. 30. the  $\delta$  happening Febr. 10.

§ 17.

1506. Sudor Anglicus, noted secunda vice, Stom.

Febr. V. & 27. The  $\delta$  as in the Margin, but from that Febr. to July, whereabouts the Sickneß likely was rife,  $\eta$  &  $\delta$  continued within gr. 30. dist. as before.

1510. In France, Dimerbrock p. 159.

Dec. 7. & 8. The Aspect fell in the Close of the year preceding, but  $\delta$  by Retrograde Course returned into the same Sign with  $\eta$ , or at least within gr. 20. and there held till August, which is remarkable.

1518. & 1519. Winter Sickneß throughout the Land, Stom.

Nov. 8.  $\eta$  &  $\delta$ . Nothing more manifest,  $\delta$   $\eta$  &  $\delta$  in Tropical Signs, all Nov. Dec. and January, &c. following. Let any man consult the Ephemerides, and mark the Motion

F 5

tion

tion of  $\delta$ , the Saturnine Motion of  $\delta$ . A Cause that comes as rare in such a critical place, as a Winter-Pestilence.

1521. Great Death in England, *Hoves.*

Jan. 10.  $\alpha \approx$ . The Opposition falls in January, but  $\delta$ , as is usually by Retrograde course, recovers the Aspect in Spring time, and hath scarce foregot it in July; but before that time  $\varphi$  plays the part of  $h$  in the  $\varphi h$ ; look upon her motion, and speak.

1522. At Rome and Genoa, *Pestis atrox, Gem. 2. 249.*

$\varphi \cup \delta$  begins in July, in  $\varphi \mathfrak{S}$ ;  $\varphi \delta h$  comes not in till Sep.  $\approx \mathfrak{S}$ .

1525. Was Pestilential by Fallopius's reckoning, who hath noted the Duration of a Pestilence for Six years together, viz. from 1524 to 1530. *apud Dimerbr. p. 136.*

The  $\delta h \cup$  scarce expired in June, when lo! long before the  $\varphi h \delta$  was on Foot, which holds all July; at what time to lack no help  $\varphi \cup \delta$  was also in being. Here's the Nexus before spoken of.

1527. At Rome, amongst the Soldiers, in 3 Months space Thousands dyed, *Untz. 1169.*

From June and July,  $\varphi h \delta$  in  $\delta m$ .

1534. In Gallia Narbonensi Valeriola *apud Dimerbr. p. 56.*

The  $\delta$  happens in May, and that in  $\mathfrak{S}$  too, which introduceth a sickly Summer; but there are more Irons in the Fire.

1538. *Pestis crudelis, ab excrementis Stellarum, notante Paracelso, apud Dimerbr. p. 13.*

June 13.  $\delta 12$ . The  $\delta$  falls in high Summer, and that in the Equinoctial Sign  $\mathfrak{m}$ . Note the Sign, it bodes no good you know.

1540. Pestilent Flux, Ague, *sub Henry VIII. Stow.*

June 23.  $\delta$  in  $\approx$ . No good expected from an Aspect in  $\approx$ . 'Tis an Equinoctial Sign with  $\mathfrak{m}$ . 'Tis hard to shew a year free at such a critical accident; when I see I shall say (as at all times) *αλογησις*

*αλογησις*. Blessed is he who sitteth in the Circle of the Heavens.

1549. *Morbis quo vipera & lacerta in hum. corporib. gignerentur Gemm. 159. h δ in v s.* Nor expired till July, which may comprehend the time.

1551. At Shrewsbury, Sweating Sickness, April 15. and at London, July 12. *Sub Edward VI. How.*

June 9.  $\approx \alpha$ . The  $\varphi$  falls in Midsummer, and before it expires, viz. at the end of July, it is renewed by fresh Comers from the same Signs till September.

1557. *Catarrhus Pestil. per totam Europam Valles. in Hippocr. progn. p. 99. Thuanus, p. 346.* At Delf Thousands dyed before Month of May, *Forster.*

Jan. 12.  $\vee \triangle 21$ . The  $\varphi$  holds strongly from January to March, April, May. This single Instance is demonstrative: for before May  $\delta$  had bin slow motioned; yea the  $\varphi$  returns again, in  $\delta m$  July. Mark! and forget not *Totam Europam.*

1562. *Laes pecoris infanda, Gem.*

May 7.  $\mathfrak{S} 2$ . The  $\delta$  falls in May, in the Tropick of  $\mathfrak{S}$ ; but expect  $\delta h \cup$ .

1566. *Morbis Ungaricus hoc anno mundum intract. Dimerbr. p. 22.*

June 23.  $\alpha 27$ . The  $\delta$  precisely at Midsummer.

1568. In Gallia, *Mense Julio, Plater. apud Dimerbr. p. 80. & 102. Lovanii etiam Gem. (62.) ad magis in proximos pagos.*

July 12.  $\mathfrak{m} 23$ . The Plague happens in the very Month where the Aspect is partil; besides the Infamy that lyes upon the Signs,  $\mathfrak{m}$  and  $\approx$ . See *A<sup>o</sup> 38. 49.*

1570. *Pestis truculenta totam Italiam invasi, Tridentum, deinde Veronam, hinc Venetias ubi centum M. homines interempti: tandem Mediolanum accessit, Kirck.*

July 12.  $\approx 13$ . The  $\delta$  is in the Margin. 'Tis true, with a Vengeance, what was said of  $\mathfrak{m}$  and  $\approx$ . Kyr.



1574. *Lovain, Gem. II. p. 48.*

Aug. 5. 7 1. The  $\delta$  as in the Margin. It haps at the worst time of the year, *August* and *September* are the Months when Heaven reckons with us, *sed vide*  $\phi$  h 4.

1577. *Bruno Gallicus (iste nova. Moravia Lues) quem sive Annus peperit, Dimerbr. p. 22.*

May 28.  $\nu$   $\phi$ . The  $\phi$  in the end of May, in the Tropical Sign,  $\nu$   $\phi$ .

1589. *March 15. 25. Scorbute in the Ship.*

*March*  $\phi$  m. The  $\phi$  in m and  $\phi$ , the very Month.

1590. In *Mauritania, Purch.*

$\delta$  in  $\pi$ . I would know the Month. If it were in *April, May, June, or July*, we have the  $\delta$  in a Tropical Sign.

1591. At *Rome, Pestis*  $\phi$ , *Fames, Kirch.*

*March 27.  $\pi$  2 23.* The  $\phi$  as in the Margin, and *September 17.* again, it is found still on the Tropical Signs [*Still*] is to be noted.

1598. Great Plague at *Morocco.*

*Aug. 16.* in  $\phi$ . The  $\delta$  in  $\phi$ , and happens in *August.* *Quid Plura?*

1599. *April 16. 26. Scorbute on Ship-board, 4 dyed per diem.*

*April,  $\nu$   $\phi$ .* This  $\phi$  in  $\nu$  and  $\phi$  this Month.

1606. At *London, Bell's account.* So at *Frankenstal* in *Silesia, Dimerbr. p. 94.*

*Sept.  $\nu$ .* The  $\delta$  at the Height in *September*, in a Tropical Sign.

1607. Some Sickness in *London.* So in *Purch.* 'tis noted at Sea, that Sickness made them return, *Junii princip.*

*June 20.  $\nu$   $\phi$ .* The  $\phi$  at high Summer. The Margin shews the Signs, and the very Month of *June.*

1608. Some Pestilence still at *London.*

The  $\delta$  in *April*, in which Month *Multi Egrotantes*, saith *Arthufius.* But the Heights of this Sickness were observed in *Sept.* and *Oct.* when  $h$  and  $\delta$  were within gr. 10.

1609. Some Pestil. still. *Bell ut supra.* The  $\phi$  haps in *July*, scarce a Month before the height.

1610. Very moderate Pestilence, for there dyed under 1000. in the whole year.

*May,  $\pi$ .* It will suffice to note, that there was  $\delta$  in *May*, in the Sign  $\pi$ .

1618. At *NorWay, Grant. p. 78.* Sickly in *England, Id.*

*June, in  $\pi$ .* The  $\delta$  h  $\delta$  in *June*, and in a Tropical Sign.

1619. At *Grand Cairo, Gr. p. 164.*

*Octob. 13.  $\pi$  2.* The  $\phi$  in Tropical Signs, *Octob. 13. sed vide*  $\phi$  4  $\delta$ , *exam.*

1620. Sickly Season, *Grant.*

$\pi$  27. The  $\phi$  in *June* again, in a Tropical Sign.

1621. *Octobris princip.* Pestilence: *Purch. III. 1658.*

*Octob. 26.  $\phi$   $\nu$  20.* The  $\phi$  in Tropical Signs.

1622. At *Amsterdam, Grant.*

*July 11.  $\phi$  25.* The  $\delta$  happens in *July*, and still in a Tropical Sign. *July is known* to be as catching as *August.*

1624. At *Amsterdam; London* sickly at the same time, *Grant.*

*Aug.  $\delta$   $\phi$ .* This is plain by the Aspect on *Aug. 3.  $\phi$  22.* Yet take in the great  $\delta$  h 4.

1625. At *London.*

*May,  $\pi$   $\phi$ .* This Dire year of 1625. was not found without our Aspect in  $\phi$  and  $\pi$ ; but, oh! Remember the other Superiour Aspects Concomitant, succedent. See in  $\pi$   $\phi$ .

1626. At *Amsterdam, Grant.* At *Lintz.* in *Germany, Kepl.*

*Aug. 25.  $\pi$  17.* Not without a  $\delta$  in  $\pi$ , pray remember  $\pi$  once more.

1627. At *Amsterdam, Grant.*

$\pi$   $\phi$ . The  $\phi$  h  $\delta$  in *May* and *June*, not expired. After which an  $\phi$  of another Superiour with  $\delta$ .

1628. At *Amsterdam, Grant.*

Our  $\phi$  strengthens it self in *August* and *September*, and that about  $\pi$  or  $\phi$ , which of them you like best.

1636. A Plague of 10000. and odd; *Land*. The Highest Week,  $\hbar$  and  $\delta$  were in  $\gamma$  and  $\nu$  gr. 13. *dist*. Pray note it.
1629. At *London* dyed 1317. Bell's account. Our  $\delta$  was in  $\mu$ .
1637. At *Constantinople*, Plague, while *London* was Sickly, *Grant*.
- July 11. Our  $\phi$ , as in the Margin, in July, and *Tropic Signs*, which held part of June, all July, and part of August, in Signs belonging to the Tropique.
1640. At *London*, the Highest Week Sept. 10. Total 331. Plague 105.  $\hbar$  and  $\delta$  were in  $\infty$ , within 4 degrees; the Truth of it is, who cannot see it?  $\delta$  moves no slower than  $\hbar$  the Months preceding.
1641. A Pestilence of 30000.  $\hbar$   $\delta$  are in  $\mu$  in August.
1646. At *London*.
- June 14.  $\delta$   $\gamma$ . The  $\delta$   $\hbar$  and  $\delta$  goes as far as July, where it is met by another Superiour Aspect.
1645. The Total is under 2000. the Aspect in  $\gamma$   $\mu$  at the end of Sept. the highest Week Aug. 28. Let any Man consult the Ephemeris.
1648. *Valencia* in Spain, at *Constantinople*, in July. In *Africk* also. *Kirch. Sect. 1. Cap. 9.*
- June 28.  $\delta$   $\mu$  11. The  $\delta$  is tim'd for a Summer Month, and in a *Tropical Sign*. It lasts all July, and not quite ceased in Aug.
1652. At *Cracow*, *Grant*. Sickly in *England*. *Id.*
- The  $\delta$  in August, in *principio*  $\alpha$ . Yea, other Aspects have their shares oppos'd in *Tropical Signs*. See  $\hbar$   $\mu$  Table. Aug.  $\delta$  in  $\alpha$ .
1654. At *Copenhagen*, *Grant*. Sickly in *London*, *Id.*
- Sept. 3.  $\delta$   $\mu$  2.  $\hbar$   $\delta$  draw toward  $\delta$  in July, celebrated in the Sign  $\alpha$ ; in Sept. *princip. vide*,  $\phi$   $\hbar$   $\mu$  as above.
1656. At *Naples*, a great Plague at *Rome*, at *Genoa*, *Kyrcher*. Sick in *England*, *Grant*.
- Sept. 24.  $\mu$  28.  $\hbar$   $\delta$  appear, where? but in Sept. The precise  $\delta$  within 2 degrees of the Equator.
1657. At *Genova*; the Height at August in *principio*, *Grant*.
- June 22.  $\nu$   $\alpha$  0.  $\hbar$   $\delta$  precise  $\phi$  in the Equinoctial Point, *ad Jun. fin.* calls for our remembrance.
1661. Sickly, *London*, *Id.*
- June 26.  $\mu$   $\gamma$ . Our Planets are oppos'd about Midsummer, which we see by sundry Examples premised, bodes ill. Yea, the very Aspect held till August the midst.
1665. That, I hope, never to be parallel'd Pestilence, of 100000 Funerals.
- $\hbar$   $\delta$  in *Tropical Signs* in July; there is one String of the Scourge. But our killing  $\phi$  of  $\mu$   $\delta$  holds on.

§ 56. Have I not said too much? is it not too plain? 'Tis not too much for a sober Melancholly Consideration. It were Wisdom in us, if we could secure our selves against those Fears which *Annually* fall upon us, almost every Summer or Harvest, by seeking a more healthful Air, and a better Countrey above this Elementary World. I did not know but some may make this use of it, and then I have not said too much. The new *Atlantis* no question, as some have happily mistaken concerning the Situation of Paradise, is above the Moon, be above  $\hbar$  and  $\delta$ , and all malefique Influences, real, or seeming: But this by the way.—I am aware of a just exception against such Discourses as these, which seem to make every year, almost, Pestilential; for so the curious Reader will quickly find, that what with one Aspect, and what with another, we make very few years to pass free; since not a year goes over our Heads, but we shall meet with a  $\delta$   $\hbar$   $\delta$ , or at least an  $\phi$ : and if so by chance it haps that these Aspects prove inoffensive, their Malignity being quenched by the the Season of the time, or by their State of Defection, then another Malignant Combination of  $\mu$  with  $\delta$  suppose, exercises the same Malignity as before. To this, the Physitians will answer for us, that there is difference

ference between Pestilences, as in Motions of Water, all are not raging or furious; wherefore, although at the inauspicious sound of the Word we fear, yet, God be thanked, we do not often feel its Fury. There is a difference I say, when the yearly Bill shall scarce arise to 10000. from that higher year which raises it to 5 times, yea, ten times as much: When a year brings 5000. or 6000. in the whole, and the other brings as many in the Week. And the Physicians tell us again, that there is difference between absolute Pests, and Diseases that may have some Spice of Malignity, and therefore call'd *Pestilential*, because of their *Cognition*, and too near Vicinity. Nay, further, we take it in a more large Signification; where, if you please, *Forgoe* the Name, and consider the years that are Sickly, and found to be such, when as yet the Citizen, notwithstanding, finds it not his Interest to remove from his employ whereby he subsists; Here I say, Not only the *Croaking* Astrologer, but the Physician, and the Eminent Virtuoso himself takes notice frequently of the year, and arrests them upon suspicion of *Malignity*.

§ 57. Now, if every sickly year (which yet I do not believe) had some manifest *Criterion* of Malignity in it; you need not be afraid to look into a List even of such years, at least, if they were only of Foreign concern: We can easily believe that *Constantinople*, or *Grand Cairo* is never free, yet we are not troubled at the report. But if we are concerned, as I think we ought, for those that are abroad also; and if we keep Correspondence in most parts of the World, whether we like it, or no, we shall find, that somewhere or other, some Sickness, not unworthy the Note of the Curious, is brisk upon our Mortal Bodies. That these Configurations are disposing, or if you will, *indisposing* Causes of our Humours and Spirits, will be plain, if it is not already; and the very frequency of their return either by  $d$  or  $\phi$ , does confirm the *Thesis*, which imputes those Maladies to those Configurations. For what can we say, when we find those Configurations in being, when the Distemper reigns? What will you say when you find the Distemper to start out within a Fortnight, or Week of the *precise Aspect*? What will you say, if when the Aspect seems to expire, it shall not absolutely cease? Supposing the Sickness to continue, till it hath introduced another in its Room to maintain the Indisposition begun by the *First*. What will you say when the Malady shall hold (though with some abatement, the Season consider'd) in the Winter Months, in *October*, *November*, *December*. This not always, as Dying Reliques of the Summer distemper, but as continued Impressions of a durable Cause, which may be, will not expire, no, not in the year following, and so unite two Pestilential Summers together by a never dying, because always cherished, Relique; So that *Jan.* and *Febr.* of the succeeding year shall write as Pestilential, as the closing Months of the former. They were but moderate years, 'tis true; but yet within this Century, from  $d$  1606. to 1610. 5 continued years are reckoned Pestilential. And in the Former Century, *Fallopium*, you find hath noted as much. So that I quote no Astrologer, and yet you see what I offer is too true. It is not Vanity nor Noise, but the weighty Truth, that Pestilential or *Unhealthy* years, are as frequent as the Superstitious Planetary Contendeth. For that they are the Causes, is as certain in Nature, as that they alter the Air in in those very times: Nay the former is demonstratively proved by the later. Since Pestilential Disposition of Air depends upon unkind Excesses and Exorbitances of Weather, to Heat and Drought, sometimes to Cold, and Wet, which can be ascribed to nothing but the Heavens over us.

§ 58. What therefore should I quote Authors of our side, when the Physicians themselves appear for it? Who yet are not commonly Well-willers



to the Mathematicques, Erroniously thinking that there is no other Science conducing to their Practice, but what they are Masters of. Time may come, if God shall give leave, that we shall point out, not only Aspects, but Asterisms, Constellations in the Firmament that are Malefique; as *Ptolemy* hath most truly deliver'd down to us.

§ 59. As for Eclipses, if they happen near a Pestilential Season before, or after, I think some use may be made of that Concurrence; but for any determinate Cause, or so much as Sign of Pestilence, with *Cardan's* leave, I understand not. But Aspects, Aspects of Superiour Planets, they are our Scourges. Have we not said there is some Sickness or Mortality, yea, and that for the most part within *Europe*, somewhere or other, almost every year?

§ 60. How it comes to pass in one place, rather than another? Were we able to answer, it is not here to be treated. Why the Sweating Sickness here in *England* should begin, *A<sup>o</sup> 1551.* at *Shrewsbury* April the 15. and not seize the City of *London* till July 12. is a Question seems to be above a Mortal Resolution. In like manner, that Notable Catarrh Epidemical in the year 1580. noted in no worse an Author than *Galvism*, which in June invaded *Sicily*, In July, *Rome*; In August, *Constantinople*, and *Venice*; In September, *Germany* and *Hungary*; In Octob. *Pomerania*; In November and December, *Denmark* and *Swedeland*; and is a Noble Enquiry, fit for a Council of Philosophers; and what if I should say, with the safety, nay with the advantage of Religion, and the awe of a great Creator, may be adventur'd upon in our Theory.

§ 61. But let us observe what is more obvious: First; that no Sign Celestial is free, not  $\varphi$  nor  $\mu$ . All the rest come under the Notion of Tropical and Equinoctial Signs, which, we cannot help it, (no more then we can help our Mortality) have their Danger. But let not the Womanish Spirit of any be cheated by an Equivocation: For a Sickly year doth not signifie the XII Months trouble; there's respite most commonly IX. Months in the XII. nor doth it signifie an Universal Distemper. Nor 3<sup>ly</sup>. do we pretend to wasting Plagues every year, God be praised; for *Italy* it self is free from such Plagues, many times, 20 years together. Nor 4<sup>ly</sup>. are these Signs or Aspects dangerous, but at times: If they fall about Aestival or Autumnal Months: Nor then neither, (5<sup>ly</sup>.) Except assisted by the Addition of Powers equally Noxious: A Tropical Sign hath its Virtues and Abilities, as well as its Inconvenience; They are warm and Comfortable; They guild the Air, and ripen the Fruits of the Earth; and the Equinoctial Signs of themselves are temperate and wholesom: The Air is never so fine, as when the  $\odot$  for Instance, passes  $\pi$  or  $\kappa$ . And much more may be said to get a good Opinion of these Discourses. But again, lest we may be too secure, Let the World know, that no Sign is Free: Yet of All, the Tropique and Equinoctial Signs are most notable, Here in Sickness, as before in Tempests, Comets, Earthquakes. Next, pray note how sure we pretend to be; yea, how manifest is our Pretence from certain years; see I pray, among many others, that of 1540. with all its Brethren. That of the Catarrh, *A<sup>o</sup> 1577.* And before, That of the Winter Plague, *A<sup>o</sup> 1518.* 3<sup>ly</sup>. That those Observations must go to Sea, as well as serve us on the Shore. For the Scorbute, or whatsoever Malady reign'd on Ship-board, is comprehended under these Rules. Even the Line it self is not unwholsome, unless there be some Distemperature above it; I speak of a Sickly time; The Line may dispose to a Scorbute in this or that Individual; but the Line may be passed safely, and Free from a Scorbute, Epidemical, as I may call it, except, as before excepted. So we may term it a Healthy Spring, although here one, and there another be seized

seized with an Ague. *qly.* Observe how Universal is the Celestial Influence, when by Capt. *Grants* Observation, our own dear Country shall many times have *grudgings* of a Distemper, at what time other more remote Cities shall suffer under *Pestilence*: *Visited*, I might have said, for God's hand it is; but yet this very Observation also shews, that God doth not scourge by New, *preter*, or *super-natural* means, whatsoever my well meaning Physician imagines, *Dimerbrock de Peste, Prob. 1.* whom I leave to be confuted by the Learned of his own Faculty, from his Medical Principles and Experience, which are, in my short Sight, plainly against Him.

¶ 62. For if the same good Man had seen our Evidence, he would not have condemned those Learned Christians, *Mercurialis*, *Sennertus*, and others, for subscribing to such *Pagan* Principles, as are here advanced; assuring our selves that there is nothing hereby taught contrary to Law or Gospel, rightly and soundly understood: though perhaps the Solution of these Knots, and the Explication of those Authorities are not so proper for an ordinary Understanding. In the mean while, That we may answer his Astrological Argument about the *Nimeguen* Plague, 1635. and 1636; We say, that he confesseth there was a  $\delta$   $h$   $\delta$  in *Sept.* and that in  $\delta$ . Pray revise our Table, and see whether it sounds well, that  $\delta$   $h$   $\delta$  in  $\delta$ , which (if it be any thing) is a *Natural* Cause, can be the proper Harbinger to a *Preter-Natural* Poison, for so he calls the Pestilential Poison. Next we say, That he confesseth there was a  $\delta$   $h$   $\delta$  in  $\pi$ , *Oct. 20. 1636.* Do you hear?  $\pi$ , and in an Autumnal Month, *October*? *Yea*, but then it began to *decline*: I answer, if it had not been for that  $\delta$ , it would (by Gods Grace, which must always come in, Causes, or no Causes) have declined sooner. It began to decline then, a Fortnight ago, I warrant, it was at the Height: Then was  $\delta$  in the Very Tropique of  $\pi$ , within 8 degrees of  $h$ , in the same Tropical Sign.

¶ 63. And whereas with some Plausibility he presseth us with new Diseases unknown to our Ancestors, which have broke out *de novo* into this Plaguy Age, [*Hoc nostrum ulcerosum seculum*] whose Causes were not created at the beginning. Such the Sweating Sickness, *A<sup>o</sup> 1436.* the *Venerial* Pest. *A<sup>o</sup> 1556.* the *Hungary* Distemper. *A<sup>o</sup> 1566.* the New Plague at *Moravia*, *A<sup>o</sup> 1577.* New Diseases at *Lunenburg*, 1581. &c. — So presumptuous do we seem, that we profess to lay out the Causes of these from God and the Stars; the Celestial Scourges. Witness our precedent Table, where we mention one or two of these Plagues. But how easie is it to deny this Inference, *they are new, therefore Preternatural*? For certainly if Curable by Natural *Succours*, they are *Natural*. If the Remedy happily found out for these Distempers were not *preter-natural*, neither were the Diseases so to be accounted. I shall not stick to allow that the Divine Power may, and doth sometimes Punish *miraculously*, as in some Judgements, as Story saith of Perjur'd Men, such as have expressly challenged the Divine Power to do *its worst*, if they attest a Falsehood. And I shall acknowledge that Gods Hand is more visible in a Disease incurable, or a sudden Death, then otherwise; yet, I cannot allow them to be *All* preternatural. I acknowledge Gods Arm more Terrible in a sweeping Pestilence, when thousands weekly are numbred to Confusion: But who can stint Gods Power so far, as to tell us what he can do by Natural Means? and what He cannot: Who is so comprehensive a Philosopher to Define? — Astronomers are fain to divide the Diameter of the World into 10000 parts. Alas! We scarce know the 100000th part of the Creation. He knows little of Nature, who knows not its Effects may be prodigious. A Disease may be new and strange for Its Signs, Symptoms, and other Attendants, but yet it may come within the Compass of Nature, an Arrow from





Equivalents to the Tropical Position are,  $\varnothing$  gr. 24. *ad finem*, and  $\pi$  *principio*. Next the end of  $\mathfrak{E}$ , and the beginning of  $\mathfrak{A}$ , the end of  $\gamma$ . I should have said first, *a gr. 26. ad finem*, while the Equivalents of the Equinoctial Position, are the entrances of  $\mathfrak{K}$  and  $\varnothing$ , with their Opposites. When we have proved this, we'll trouble the Reader no more with the Subject, as new and difficult as it hath bin conceived. For the proof then let us examine the subsequent Instances, two or three for an Hundred.

65. The First I meet with is in *Guiney Voyage in Hakluit*, at the end of the year 1554. where in *Febr.* in the next year, 1555, day 15. we hear of Currents from *Castel del Mina*, to *Cape de los Palmas*: So also between *Cape de Monte*, and *Cape de Verd*, great Currents which deceive many. And it seems to be an account of two Months Sailing, *viz.* part of *Febr.* all *March*, and part of *April*, not above 4, 5, 6. degrees Northward from the Line. Now the Heavens lye thus. — *Febr.* 15.

$\approx 12. \varnothing, \mathfrak{K} 9. \odot, 28. \mathfrak{h}, \mathfrak{M} 24. \delta, \gamma 3. \varnothing, \mathfrak{m} 5. \mathfrak{L}, \mathfrak{L} 16. \mathfrak{D}.$

Where an  $\delta$   $\mathfrak{h}$   $\delta$  you see is just upon the *Æquinox* in  $\mathfrak{K}$  and  $\mathfrak{M}$ ,  $\varnothing$  again within 3 degrees. Yea,  $\mathfrak{L}$  and  $\odot$  by our Paper, lye in the Equivalents, the entrance of  $\mathfrak{m}$  and  $\mathfrak{K}$ , to note no more. But the whole Month of *March*, you will say 'tis an Equinoctial Month, the  $\odot$  is there,  $\varnothing$  is there,  $\mathfrak{L}$  is there, Slow and sure,  $\mathfrak{h}$  is there,  $\mathfrak{L}$  as before, and  $\delta$  opposing  $\varnothing$  thereabouts. We must only make a scruple how far the *Æquinoctial* advantages reach. — And what improbable Groundless Fancies shall we promote, if we desire it may be observed, that these *Gold-Coast Voyages*, while they give us such Caveats for the slippery Currents near the Line, had all the Planets, at least 5 of the 7. Perpendicular, or Vertical over them, and that for all the Month.

*A<sup>o</sup> 1566. Dec. 19. Capr. Tower's 2d Voyage.* In height of *Sierra Leona*, we ran thwart certain Currents, which set to the West-ward, as if it had been the over-fall of a Land, making a great Noise, like to a Stream, when the Water is Shole; but we had no ground at a 150 Fathome. The Heavens thus,

$\approx 12. \delta, \gamma 18. \mathfrak{h}, \mathfrak{m} 21. \varnothing, \mathfrak{L} 20. \varnothing, 21. \mathfrak{L}, \mathfrak{W} 7. \odot, \mathfrak{A} 17. \mathfrak{D}.$

*December* is a Tropical Month, as *March* is an Equinoctial, accordingly we have  $\odot$   $\mathfrak{L}$  Tropical,  $\varnothing$  in the Equivalent, about  $\mathfrak{m} 21$ . If 3  $\Delta$ s of of the  $\mathfrak{D}$  conduce any thing, let others Enquire. Howbeit  $\mathfrak{h}$   $\delta$  are but 6 degrees distant from an Opposition.

66. But hath not the Learned Author of the *Treatise de motu Mar. & Ventorum*, opened our Eyes in the Doctrine of Currents, and solved them all, without recourse had to Aspects or Influences, the Sun excepted. *Resp.* To do that Author right, I must acknowledge it is a Great Piece, shewing the Diligence, the Sagacity, the Judgement of an excellent Pen: A Work that will make him great to all Posterity, who shall have any thing to do with Philosophy or Commerce. He, who shall find the so much desired Longitude, shall not oblige the World more than he hath done. And what Returns his Countrymen have made him, I know not: I do envy them the use that They make of his Work; the manifold Advantages in Navigation that thereby accrue to those who will learn what he hath pleased to Dictate, not only to them, but to the World. Though I do believe therefore that the Ocean under the Torrid Zone, in its Diurnal Motion, moves from *East* to *West* round the World, with some Inclination North-

ward, or Southward, according to the Sun's Declination; Though I do believe a 3<sup>d</sup>. Motion contrary to those, *viz.* from *North* to *East*, to make restitution at the same time for the Stream which hath forsaken his Shore by his *Western* Progress, and thank *Him* for it: I do believe further, that this Back sliding Motion is that which gives Life and Being to (though he scorn to take notice of it) what is vulgarly called the Current. But I cannot hear him, when he excludes the ☽, or, (as in his Epistle) the 'Starry Influences. The Motion of the Sea would be such as it is (Situation of Land consider'd) whether there were ☽, Starry Influences, or no; saith he. For how rash is that Hypothesis to make the Sun alone sufficient, without the Starry Assistance. When the Sun is incircled with so many Stars; when the Stars are so many Suns more, or at least Reflexions of that Solitary Agent. If Reflexions from below the Earth it self, contribute to Tempests, &c. Why not Reflexions from above? The Sun may carry the Credit of it, as we have said in a Conquest, the General is cryed up, but if you enquire more minutely into the Affair, Many a Brave Officer doth his part. And this hath in part appeared, not only in Tempests, and somewhat else, but also in the Motions of Tides. Somewhat hath bin spoken of a *Moon*, of a *Mercury*, &c.

§ 67. 'Tis the Sun assisted with the Stars which makes the Sea to move. 'Tis by their Influence that he spreads the most of its Motive Power on the Equinox, and 40 degrees on either side of it. And if we speak of Vegetation and Animal Life, 40 degrees yet further, even to the *Frozen Zone*. What's a little Glimmering? To save Nature's Credit there must be some more abstruse Virtue, then what is obvious to the First Sensation: more abstruse, and of more Moment. Shall I say that Nature hath made Wine only to warm the Tongue; yea, 'tis made to little purpose unless it cheers the Heart also. The very *Piss-bed*, a Star though it be, in its kind, is made to little Purpose, if it only resembles our Heavenly Body. Beside This therefore, 'tis known to have a greater Virtue, as the *Endive* and *Succory*, to be refrigerant. But the Number, the Vastness, the Mystical Order of the Stars I am amazed at, a World of Wonder arising thence. Why on the Equinoctial? Why on each side of it? Why on the Tropic? Why on the Arctick and Arctarctique Circles? Why near the *Poles*? 'Tis acknowledged that the Sun can do much [posited] on the Equinox, *Cap.* 28. Doth the Sun arrive thither alone? The Author knows that ☿ and ♀ cannot be far from him. Besides that, are there no Stars there? He acknowledges it to hold rather in the *Autumnal* Equinox; He may please to observe that there are more of the Fixed in the Autumnal Equinox, then in the Vernal. There is the Asterism in ♌ on one side, and ♍ on the other: When in the other Hemisphere ♋ and ♊ are more naked Signs: The Motion of the Winds, and Motion of the Sea are Consequent one to the other. Let it be so; so the Motion of the Heavens be antecedent in Nature, and Co-incident in time. Which on the Sea's part he seems to grant, *Cap.* 21. Notwithstanding elsewhere He ascribes the Turbulencies of the Air to the turning of the Ocean, which Nature then labours with. In like manner the Navigators Ascribe those Turbulencies to the shifting of the *Monsoons*, those Winds, which, with the Waters turn an oblique Course toward the Sun: neither of which do I understand. Collision of Seas or Winds instigated by different or Contrary Causes, I grant may make some Bustle; as in the *Tornado* is evident, where the Winds blow from all parts of the Compass. But here is no Collision, here no contrariety; the Sun is not contrary to its self. A Conversion there is, and a Change of the Stream. But a Gradual Change may be performed in Tranquility for all that I know, *i. e.* if the Sun in the

Tropic

Tropic Cause the greatest Inclination of the Stream, the nearer he comes to the Equinox, the more should he incline to an Indifferency; to be determined to one part according to the Solar recess from it.

§ 68. To the Stars therefore in the Plural, Those Motions of Seas and Winds will be imputed; which he will find himself obliged to believe, if we shall produce Reasons from the Asterism of Heaven, and shew the very Causes, the true primary Causes of all those brave Enquiries, which he by his Principle resolves. Why Hurricanes are perceived; yearly almost, near the Coasts of *America*? Why again in that Sea which flows between the Northern part of *China* and *Japan*, &c. I could add why the time of the year is Stormy in any part of the Ocean? Why it rains so constantly and excessively, as to find the great *Nilus* and its overflowing. Why *Magellanus* was becalmed 70 days together? The Reasons and Causes of which being seen, will be the very Light; speak the Truth of our Assertion, and the Ineffable Glory of the Creator.

§ 69. Currents then may be distinguished into Substance and Circumstance, as they are Streams distinct and severed from the General Waters; or as they run with such a degree of Swiftnes as is more than Ordinary; with Noise, or without Noise, deceiving the Mariner sometimes 20 Leagues in 24 Hours, or keeping him back with a Stream insuperable; when if they cannot stem the Tide, though under a stiff Gale, the former is to be imputed to the Heavens in its ordinary Constitution; or, to speak with the Learned *Vossius*, to the Sun: The later must be ascribed to the Aspects, some not ordinary Constitution Celestial. For if the Heavens are the Cause of the Original Motion of the Sea, and its acceleration, which at several times is acknowledged to differ, Then it must be the Cause also of that Motion which results from the Original; the Sire or Mother of the Currents. The like in the Winds: For though I see some difficulty there; and though I acknowledge the Air to be of an easier Agitation then is imagined, yet I cannot think that the *Monsoon* (though in part it is) is nothing in the World but a Consent of Motion with the Stream, excluding the Heavens. So am I sure the Stormy Winds proceed from a new Coition of the Celestial Bodies, and thereupon constantly upon its Approach the *Monsoon* for the while changes.

§ 70. The rest of the Instances abroad let us dispatch, and we have done. The year 1520. tells a Tale of a Frost which hurt the Vineyards even in *September*; *Eichstad* imputes it to an  $\phi$   $h$   $\delta$  in  $\nu$  and  $\ominus$ , Platique; and the rest of the Aspects mingling with  $h$ , which we will not dispute.

$\text{A}^{\circ}$  1599. Cold and Dry *April* and *May*,  $\phi$  in  $\nu$  and  $\ominus$ . *April* 25. impute it to  $h$  and  $\delta$  so opposed, and wical deserted.

$\text{A}^{\circ}$  1607. *June* 12. A Midsummer Frost on the precise day of the Summer Solstice. *Fromond* reckons it rare, and the Truth is,  $\odot$   $\delta$  and  $\eta$  are all three in the trowing height of  $\ominus$ . Yea,  $h$  from the Opposite Sign, irradiates between  $\delta$  and  $\eta$  so posited 'Tis the more observable not for any Miracle, but to shew  $h$ 's chilness, viz. his distance. If the  $\nu$ , which is nearer, had been in  $h$ 's place, it would scarce have been.

For Heat,  $h$  and  $\delta$  are noted to cause a great Heat at *Lisbon*, even in *Dec.*  $\text{A}^{\circ}$  1528. *Purch.*

$\text{A}^{\circ}$  1540. Hot Summer; upon the account of our Planets in  $\cap$ , when as  $\ominus$   $\cap$  were possessed, which *Peucer* weakly refers to an Eclipse, *April* 5. which in Truth is neither Cause or Sign.



° 1558. Great Heat, ☉ vertical, May 11. — ☉ was Vertical, but ☉ was strengthened in his Verticity by the Neighbourhoods of other Planets, ☿ among the rest, platiuely opposing ♄, who also is strengthened by a Friend in the same Sign.

° 1589. & Febr. 3. ad March 6. Extream hot. — Our Aspect helps, an ☿ Platique in ☿ and ♀, but there is, besides, other Aspects in extraordinary Circumstance of slowest Motion.

° 1585. August very hot, ☿ in ♋. 'Tis plain to Sence; for all the Signs that should be taken up for hot Weather, are sped.

° 1607. Great Heat, ☿ ♄ in Trop. — I was honest, when startled even now at the surprizing Difficulty of a Frosty Morning on the Solstice: the Planets, said I, being so posited. You see my scruple had some ground, for this following Month had Warmth enough.

° 1608. *Aestas Calidissima* noted even when our ☿ is in a Winter Sign, viz. ♋. Well, that comes accidentally, if the Summer Sign ♌, and its Neighbours will shew all the Cards in their Hands, and out-face or oppose the Winter-Gentlemen, Rare though it be, 'tis no Miracle.

° 1615. Aug. 2. ad 27. Warmer than at any time of the year. Impute it to the Approach of the ☿ of ☿ to ♄ in ♋, then and there considered with, &c.

§ 71. We have some few Fireworks belongs to us, some only *Shero* others mischievous.

° 1520. *Fax ardens*, Sept. 4. Lyc. ☿ in ♋ and ♄, Platic.

° 1546. Chafine, Febr. 10. Lyc. ☿ ♄ in fine ♌.

° 1548. Febr. 10. again Fiery Meteors, ☿ in ♋ 13.

° 1559. Sept. 1. London, Terrible Thunders, ☿ in ♀, 1 gr. 19. dist. There are milder Aspects to be observed, but even ours also shoots from far, and Frights us.

° 1595. *Pasch*. April 20 Thunder, Lightning; yet very cold, and so continued to the Months end, ☿ in ♌ and ♋; the Cold may be reduced to its place.

° 1598. Sept. 5. Harmful Thunder at London, slew some Men, *Stow*, ☿ in ♋.

Of Halo's, Irides, Parelly, &c.

§ 72. Halo's are sometimes colour'd like *Iris*, and the *Parelia* are always striped with *Irides*; which that they depend on our Principle appears, as elsewhere we have contended in the like case, from the Multiplicity, the busie time in Heaven, from the frequency of Aspects, not of ordinary Concourse. I shall instance in one, not mentioned in the following, of strange *Parelia*, seen at *Norimberg*, March 22. on a *Good-Friday* (I mention that to secure the true day and year) where no less than 8 ☿ or ☿s are found in a Fortnights time. ° 1554.

First, 1514. Jan. 12. in *Ducatum Witebergensi*, hor. 3. P. M.

1520. *Vienna*, Jan. 5. ♋ 14. ☿ ♋ 24. ♄ ☿.

1523. May 2. *Parelia*, at *Zurich*; ♄ ☿ within gr. 6. of Opposition, ♀ ☿; ♀ is in ☿ with ♄, only gr. 9. between them. 'Tis strange, if accidental to the Effect, that these should be counter-link't within 9 degrees; but the like occurs, May 18. 1627. *Kepl.* ☿ *Iris*, die 29. Yea, *Paraselenae*, April 9. 1554.

1532. At *Venice*, April 11. *Parelia*, *Fromond*. Lyc. ☿ in ♀ 26. 'Tis as strange again, that our Planets should meet in Partile Conjunctions, and know nothing of the Spectacle.

1554. March 6. *Ingolstadt*, circ. 8. & 9. morn. Lyc. ☿ in ♋ 20.

1550. March 30. *Palmarum* in ♋ 9. ♄ ♋ 7. ☿.

1554. April 9. *Paraselenæ* at *Sumersfield*,  $\times$  24.  $h$ ,  $\vee$  17.  $\delta$ .

1555 Febr. 10. *Parelia* at *Vinaria*, *Lyc.*  $\delta$   $h$   $\delta$   $\times$ , and  $\pi$  in *fine*.

Nay, now 'tis probable that our Aspect can make such Counterfeits; Heavenly Counterfeits, Hypocritical Suns; here are three Witnesses.

1556. Dec. 6. *Parelia*,  $h$  and  $\delta$  in  $\vee$  and  $\triangle$ ; *gr.* 11. *dist.* either the Platique Aspect hath Influence; or else neither Partile; nor Platique: and if neither, then we poor Men spend our time finely. In the mean while 'tis a pleasant Cheat, and we are loath to be disabused.

$\Delta$  1569. *Die* May 21. *Paraselenæ*, *Bunting*,  $\triangle$  4.  $h$ .  $\vee$  29.  $\delta$ .

$\Delta$  1573. *Parelia cum Iridib.* May 11. *Gem.*  $h$   $m$  23.  $\delta$   $\pi$  3.

$\Delta$  1557. July 28. in *Suntgoy*,  $\times$  18.  $h$ .  $m$  8.  $\delta$ . So before, *die* 21. *ejusd. mens.*

$\Delta$  1585. July 19. Rainbows,  $h$   $\delta$   $\rho$  in  $\vee$  and  $\triangle$  *gr.* 14. *dist.*

$\Delta$  1552. Febr. 19.  $\odot$  with *Halo* and *Iris*, *Lyc.* we mean a dry *Iris*, such as are seen with *Parelia*,  $\delta$  in  $\approx$  *gr.* 3. *dist.*

$\Delta$  1551. May 21. *Paraselenæ*, counterfeit Moons and *Irides*,  $h$  and  $\delta$  in  $\Delta$  and  $\approx$  *gr.* 11. *dist.*

$\Delta$  1569. March 12. *hor.* 12. *Iris Nocturna*, *Gem.*  $h$   $\odot$  and  $\varphi$  are plainly engaged in the Beginning of  $\vee$  and  $\triangle$ , yea, and our Platique, though here at a mannerly distance; for all its modesty, is guilty of the appearance, the hour 12. at Night shews the  $\odot$  hath to do, though from the Opposite Hemisphere; and  $h$  hath to do with the Picture, for that the  $\rho$  in  $\approx$  is not yet ascended.

$\S$  73. Add to these a few from our own Observation.

$\Delta$  1656. Sept. 22. *Tarnton* near *Oxford*: Semicircle with Rainbow Colours 9 m.  $\delta$  in *fine*  $\pi$ ; as before;  $\Delta$  1555. So near was I to have seen a *Parelium*, but it was not my Lot.

$\Delta$  1662. Nov. 10. *Land. Iris*,  $\delta$  in *print.* 2.

$\Delta$  1678. July 22. Two Rainbows,  $\delta$  in  $\pi$  *gr.* 5. distant, besides *Halo's* Lunar, Sept. 20. 25.  $\Delta$  1556. Sept. 29. 1658. and Nov. 2. 1656.

$\S$  74. Admit also these from *Kepler*.

$\Delta$  1621. Aug. 16. *Halo*  $\odot$ ,  $\times$  17.  $h$ .  $\vee$  1.  $\delta$ .

$\Delta$  1623. May 14. *Parelia cum Halone Solis die* 15.

#### *Irides.*

$\Delta$  1621. Jan. 7.  $\times$  1.  $h$ ,  $\vee$  25.  $\varphi$ . —  $\rho$ . May 15.  $\times$  5.  $h$ , 26.  $\odot$   $\delta$ .  
July 13.  $\times$  13.  $h$ ;  $\Delta$  10.  $\odot$   $\delta$ .

$\Delta$  1623. May 30.  $\vee$  16.  $\delta$ ,  $\Delta$  2.  $h$ ,  $\rho$ .

$\Delta$  1625. Sept. 20.  $\times$  27.  $\delta$ ,  $\pi$  9.  $h$ ,  $\rho$ .

$\Delta$  1626. July 8.  $\Delta$  17.  $\delta$ ;  $\pi$  12.  $h$ .  $\delta$  Sept. 4. *Iris ante ortum Solis*;  $\pi$  19.  $h$ , 24.  $\delta$ ;  $\delta$ .

$\Delta$  1627. June 16.  $\pi$  22.  $h$ ,  $\vee$  17.  $\delta$ ,  $\rho$ .

$\Delta$  1628. Aug. 14.  $\pi$  23.  $\delta$ ,  $\triangle$  9.  $h$ ;  $\delta$ .

$\Delta$  1629. Aug. 26.  $\triangle$  1.  $\delta$ ,  $\triangle$  10.  $h$ ;  $\delta$ .

*Parelia*; May 14. 1623. *cum halone Solis, die prox.*  $\approx$  9.  $\delta$ ,  $\Delta$  25.  $h$   $\rho$ .

$\S$  75. It will be said, these distances are too unreasonable, we may comprehend, what not? at so great a Liberty. The answer may be, that 'tis not perpetual: There are some Neighbourly distances. 2. For all as I see the greatness of the Distance conduceth to the Effect, provided 30 degrees be not exceeded. For to paint a Sun, or a Lucid Globe in the Water, as the *Parelium* may seem to be, requires many a Ray issuing from Arches of a Circumference, some less, some greater, which Suspicion of mine will be found true, if we go no further then attending to, and comparing those very Instances, Jan. 17. and May 15. 1621. Sept. 20. 1625. But we hast. This is not a place for it. Only this by the way, if we were to treat of the *Parelia* purposely, we see we should here also find the *Tropiques* and *Equinoxes*:  
I 5  $\S$  76. Sol

§ 76. *Sol Pallidus* noted in *Kepler's Diary*, whatsoever it signifies, is not much different from the *Halo*, &c. the Causes and Distances of those Operants are near alike.

First, Nov. 20.  $\Delta^{\circ}$  1621.  $\odot$  20.  $h$ ,  $\approx$  8.  $\delta$ .

April 1.  $\Delta^{\circ}$  1629.  $\vee$  3.  $\delta$ ,  $\odot$  28.  $h$ .

May 15.  $\Delta^{\circ}$  1627.  $\pi$  21.  $h$ ,  $\times$  24.  $\delta$ .

June 11.  $\Delta^{\circ}$  1627.  $\pi$  23.  $h$ ,  $\vee$  13.  $\delta$ .

April 29.  $\Delta^{\circ}$  1625.  $\approx$  19.  $\delta$ ,  $\Delta$  25.  $h$ .

$h$  and  $\delta$  in some Signs I find conduce to a Mystiness, as may be observed by our Domestique Diary, if  $\odot$  *Pallidus* be no more, nor the *Celum Sanguineum*, twice met under Territories of  $h$  and  $\delta$ ; the matter is not much, though not unworthy of a Remark, Octob. 13. 1625. *Celum Sanguin.* and before that *Sol Sanguin.* April 24. 1623.  $\vee$  4.  $\delta$ , 28.  $h$ .

§ 77. This it may be runs higher than we imagine; for of Old in the former Century, we meet with in April 1547. Universal News of *Sol* darkned for 3 or 4 Days, die 22. &c. That it was a prodigious Spectacle throughout all France and Germany, some say Britain, (though our Chronicles are silent) noted by *Galvissus* and *Fromond* from *Lycost.* and *Frischius*, when Writers do believe that the  $\odot$  was close Mourner for the Prince Elector *Fredrick* being taken: Whatsoever the matter was, that which we regard at present is, the place of  $h$   $\vee$  5. contributing to the Phenomenon, and  $\delta$  in  $\pi$  fine, not much above 5. grad. dist. from a compleat Opposition.  $\delta$  I say, near  $\odot$ , and the  $\Delta$  also opposing  $h$  in the beginning of  $\vee$ . I thought it once had been a Flaw in *Galvissus's* Chronology; that he could not give an account of a Vernal Eclipse of the Sun in the 7th year of *Xerxes*, Anno Christi Nat. 478. for I reckoned there could be no Solar Obscuration otherwise, except miraculous; but I see there may be some rarer Phenomenon of this kind from Natural Causes, beside a proper Eclipse; such are produced by *Kepler*, *Epit. Astron.*

§ 78. For the *Maculae Solis*, whether they be distinguished from the former Obscurations, or not, I have a few stragling Instances.

I don't mention that of March 25. } because the distance is of gr. 20.  
April 5. }

Nor that of May 19. } because the distance is of gr. 17.  
29. }

Yet a fond Man would mark the Identity of those distances, especially when there haps a third, and who knows how many more.

§ 79. But I produce May 1. 1625; and June 8. a noted space for the Month, wherein our Aspects sweetly reign in  $\Delta$  and  $\approx$ .

I produce 2dly. the Month of June, 1642. where some Learned Men have ventur'd to teach that the Month was Cold, because of the multitude of the *Maculae* which rebated the Solar Heat. Then which there cannot be a greater Demonstration of our Principle; for we have here  $\delta$   $h$   $\delta$  under the Equinox, which will give a shrewd Essay to tinge the Sun with their Impressions; but there is a Triple Conjunction, Flush of Three in  $\times$ . They, the Three Superiours, which say we, can aid the *Multitudinem Macularum*; yea, and the Cold too. For what Communication of direct Rayes is there between the place of the 3 Superiours, and the Place of the  $\odot$ ,  $\otimes$  or  $\otimes$ ? That is the True Cause of the Cold; and He may set his Heart at rest, who thinks to find any new Principle from the *Maculae*, or any thing that concerns the Sun in its solitary Capacity. (These Instances from *Ricciolus* I produce.) 3dly. Sept. 1643. S. N. the most of that Month is taken up by  $\delta$   $h$   $\delta$  alike tripled; though as before in the Conjunction, I shall only point at a Spot which came into Play, die 14. S. N. the place of  $\delta$  in  $\Delta$  1, of  $h$  in  $\vee$  5: you see, how near the Opposition.

This



This *Macula* afterward, saith *Hevelius*, was divided into many, and on day 19. they met again in ours only; in *Unam iterum co aluere*; and whether this day appears not to be the day of the precise Aspect. — The 4th of June, A° 1614. a New *Macula* appear'd, and held out 6 or 7 days within 3 days of the precise  $\delta$  in  $\gamma$  18. when the foul Weather screen'd it from the diligent Observator; when that 3 days after the Weather was fair; the same *Macula* was seen again, and not without a Partner. *Hevelius*, Appendix to his Selenography.

§ 80. For a Farewel to  $h$  and  $\delta$ . It would not be convenient we should take leave of our Foreign Diary till we have noted the extremity of some Constitutions, and the singular accidents therein mentioned. To find *Hurricanes*, yea *Tyffons*, Storms which are termed unparallel'd, incredible, beyond the reach of Nature. The Truth is, *Hurricanes* and *Tyffons* especially, come with such Violence, that ordinary Nature stands amazed at them. Then the great execution of Lightnings too often, which proceeds from no mild Causes, but great and angry Instruments of a Divine Power. The Singularities which I mean, are, beside the *Parelia* and *Irides*, (the last thing we treated of) The White Waters and shining Sea, which I would fain attain to the Cause of, if it can appear to be Celestial. The Disturbance of the Creatures Marine, *Whales*, and other Monsters, I do impute, (I do not say 'tis perpetual) to our Aspect; the Reader must be Judge of all that is offer'd. Thus then.

A° 1574. July 9. A Monstrous Fish I hear of at the Isle of *Thanet*, shot himself a-shore, *Stow*,  $\delta$  m 18.  $\delta$ , 2 2.  $h$ .

A° 1607. June 11. VII *Whales*,  $\phi$  v 16.  $h$ ,  $\S$  10.  $\delta$ .

A° 1608. April 20.  $\delta$  v 25.  $\delta$ .  $\approx$  0.  $h$ .

May 15. 7 *Whales* and a *Mermaid*,  $\delta$   $\approx$  0.  $h$ ,  $\approx$  7.  $\delta$ .

A° 1615. Sept. 25. Great Fish struck his Horn into the Ship, &c.  $\phi$  v 24.  $h$ , m 8.  $\delta$ .

A° 1626. Aug. 13. *Grampass* at *Woolwich*,  $\delta$   $\S$  10.  $\delta$ , 16.  $h$ :

A° 1639. April 2 *Whales*,  $\phi$   $\approx$  1.  $\delta$ ,  $\S$  25.  $h$ .

§ 81. I reckon that Fish are disturbed when they swim visibly above the Water, they find themselves ill at ease in the Element, and seek ease elsewhere. All Animals labour under the secret Influence of a not secret Cause.

§ 82. The *Mermaid*, I take it as I find it, I will not dispute, whether it were a Reality or a Spectre; I can prove Spectres are seen at Sea sometimes; and I can believe also that there are such Mockages of Humane Nature by Sea, as an Ape is on the Mountain. There were *Whales* seen with it, and that's sufficient. And Thus much for the great Superiors, *Saturn* and *Mars*.

## CHAP. II.

*Aspect of JOVE and MARS.*

1. *An Aspect to be heeded with a sober Observation as the Precedent.*  
 2. *Great, on divers accounts.* 3. & 4. *What Influence it hath on Cold.* 5. *The Hyemal part of its Diary.* 6. *It has a great Hand in Monstrous Frosts, particularly in that, never to be out-done, of 1684.* 7. *The Arabs consent in the Case.* 8. *Some Frost even in Festival Mornings.* 9. *Cold Weather not always Wholsom.* 10. *The & oftentimes Turbulent even in the Winter.* 11. *Whether so in Summer?* 12. *What Influence upon Dryth.* 13. *Maginus's Note, concerning Heat, if our Aspect haps in eadem Quarta with ☉, justified.* 14. *Maginus's difference of the Aspect, when ♀ prevails, and when ♂ prevails, not so clear.* 15. *Whether this Aspect conduces to Fires, and Configurations?* 16. *To Sickly Seasons it does conduce.* 17. *God having made all things Good, hinders not the Malevolency of the Creature against Sinners.* 18. *Sicknesses of the Season, depend upon the Season it self.* 19. *Instance in Catarrhs. Note on the Universal Tussis in Octob. 1675.* 20. *A determinate prognos of a Distemper aimed at.* 21. *The Festival part of the Diary.* 22. *Fog belongs to this Aspect, Not always proceeding from a declining Sun; some Curiosities about Fog.* 23. *Monstrous Hail.* 24. *This Aspect is a Cooler.* 25. *Some Instance from abroad.* 26. *More abundant Instances from Kepler's and Kyriander's Diary, to which the Reader is referr'd.* 27. *This Aspect brings Cold in March, April, and sometimes, May.* 28. *Yet our Aspect as to Cold is a false and uncertain Configuration.* 29. *♂ and ♀ no welcome Aspects. How we are to be afraid of the Signs of Heaven.* 30. *The Character of the Aspect.* 31. *Zeal for a well-founded Astrology.* 32. *Ancient Times must be reviewed.* 33. *Foreign Table of Tempest, &c.* 34. *Aspects of the Superiors more Signal than the pure Inferiors.* 35. *No amazing Extremity without the Superiors.* 36. *Two or Three days Weather is nothing under a Superiour Aspect.* 37. *They often bring Two, Three Months disturbance.* 38. *Some Dire Inundations may happen under this Aspect.* 39. *An honest Monitum for the Low-Countries, about Inundations.* 40. *Another for Rome.* 41. *A List of Flouds found under this Aspect.* 42. *Dire Inundations admonish (those who may be concerned) to consult Astrology. That Consultation will not be fruitless.* 43. *In Inundations, Waters are rarified, as well as augmented.* 44. *No clashing with the Premises. ♀ and ♂ in their private Capacities are one thing, in their publick another.* 45. *Catalogue of ♀ ♂'s Lightning.* 46. *The Aspect in a Rampant Estate knows no moderation.* 47. *Some monstrous Instances of Lightning.* 48. *Thunder all Summer long. No Thunder without an Aspect.* 49. *Comets Planetary Original proved.*

50. Three of the four Comets in 1618. belong to our Aspect.  
 51. & 52. The Comet, Anni 1531. 53. &c. An Account of the following Comets. 62. New Star in Serpentarius. Thuanus and That Age make it of Planetary Original. 63. Summary of the Comets under  $\mu$  and  $\delta$ . 64, 65. Earthquakes and Vulcans under  $\mu$  &  $\delta$ ; their Table with Remarks. Van Helmont's arguments against the Earthq. Planetary Original answered. 66. The baleful Circumstances of Earthquakes not mentioned. 67. Firing of Cole-Mines, Analogous to Vulcan's. Earthquakes lye deep. 68. Diseases under  $\mu$  &  $\delta$ , with Remarks. 69. Something of Currents. 70. Paelia, Halo's, Irides, enumerated. 71. And spoken to. 72. Claritas Septentrionalis. 73. Sol Pallidus. 74. Maculae Solis from Sheiner, Hevelius, accounted for. 75. Prodigious Rains, Sanguinis Frumenti. 76. Droughts, Plagues of Locusts and Mice, &c.

§ 1. **A**S the Aspects of  $\mu$  to  $\delta$  were to be regarded, because they are Leagues and Alliances of Superiour Planets; upon the same account are these Habitudes of  $\mu$  and  $\delta$  to be heeded with a sober and composed Observation. For Astrologers justly crack of great things proceeding from their Superiours, though not every moment falling out, yet recorded abroad, and some of them comprehended within the Memory of Man, yea, it may be, hapning every 7 years, as in  $\mu$  and  $\delta$  hath bin observed.

§ 2. The Aspect of  $\mu$  and  $\delta$  we suspected to be Great, even before the knowledge of any Influence, only because it visits us but seldom, once in two years. A  $\delta$  or  $\mu$  will make us wait so long; till they return in specie again: For such is the Interim of 2 Conjunctions or Oppositions. In this later there is some Variety or Design rather in Nature, for if  $\mu$  haps to be Retrograde, these Two Superiours will face one another twice or thrice before they come off; so a great part of the year will be sometimes engag'd according to Us in one considerable Aspect. There's a certain Law in the Heavens, we have said, which none but Astronomers contemplate; none but Astrologers make use of. The First, look on it as a perplexed business: The other, a Wise and Powerful Oeconomy. But, why, of all Mathematical Diagrams should the Celestial Scheme be least useful? He, who looks upon Architecture and Fortification to be only *Trangumini*, is a Wise Man, of great Experience and He who thinks the Distance and the Motions of the Planets with all their Variety, either as to themselves, or to the rest, is only *Siphre*, and dumb Shew, shall sit next to him. At present, that we may not undertake too much in our discovery, we will content our selves with the distance of about gr. 3. before and after, reserving what falls beyond to our more grand View of Forein Accidents; as we have done before, we hope, with some Satisfaction.

§ 3. But letting alone that *Dead-doing* Influence of  $\mu$  and  $\delta$ , which will shew its self in the Close, to the amazement of all pretended Reformers of Science; let us consider first, its least offensive Influence toward *Gold*; and for this purpose present the Diary *Bipartite*. *Hyemal* by its self, and the *Astival*.

§ 4. The Reader may make one glance, and see what those two Planets can do; the First whereof hath Flushing in his Face; the Other a Flame glowing in the Centre.



## Hyemal Part.

A<sup>o</sup> 1656. Dec. 21. S m.

17. Fr. cold, snow p. wds p.  
18. Fr. wd, snow 8 m. cold, wd ft. snow.  
19. H. fr. bitter cold, h. wds.  
20. H. wd, dark, offer, snow thin all n. rain 11 p.  
21. Thaw and wd, Moon Halo, thin Vapors.  
22. Fr. and foggy die tot.  
23. Fr. foggy a. l. thick o. drizzly, wd a. 10 p. in. 8 p.  
24. Wind a. l. and fr. snow m. H. wd o.leet.  
25. H. wind a. l. dark, cold clearing, clouds low.

A<sup>o</sup> 1659. March 2. S m. 3.

26. Febr. 26, 27. Frost, cloudy,  
28. Very fair and frosty.  
March 1. Drizzle, cold, wind, fair p. m. frost.  
2. Cold fr. yet rough wd.  
3. Frost, cold, cloudy, wdy. E.  
4. Close, cold. E.  
5. Sharp fr. wind change 4 p. f. rain.

A<sup>o</sup> 1668. Jan. 5. V m. 26.

- Dec. 29. f. fr. stormy, close p. m. stormy, fair m.  
30. Fr. offer m. storms, hail before Sun rise.  
31. Fr. audible wd, fair m. p. f. wd.  
Jan. 1. Rain a. l. close, misty m. open.  
2. Fair a. m. clouds, f. wetting.  
3. H. wind a. l. drile, warm.  
4. Windy, drop or drile a. m. short, but furious tempest of wind and r. lighten. 11 p.  
5. Tempestuous n. fr. tot. wdy day, vesp. showers.  
6. Rain m. wind rises, mild.  
7. Tempest of wind and rain a. m.  
8. Tempest, drive rain and snow 2 p. 4 p.  
9. Windy n. frost and fair.  
10. Stormy, cutting winds a. l. and frosty day, snow lies, H. V finely together.  
11. Frosty, closing, yielding 10 p.  
12. Hard frost, yielding; flying clouds.  
13. Close m. p. wetting 1 p. warm 9.

14. Frost, close m. bright summers day.

A<sup>o</sup> 1670. Nov. 5. S m. 17.

- Octob. 30. Close, f. mist, warm.  
31. Close, warm, wd, rain at night.  
Nov. 1. Frost, cold, bright, Meteors at night.  
2. Ice, bright, cold, overc. night.  
3. f. moisture m. close, cold, fair.  
4. Ice, f. snow 8 m. fair, cold.  
5. Ice, wd p. m. f. moisture.  
6. H. wd a. l. and die tot. misty m. dark at Sun set, very warm.  
7. Open, h. wind a. m. & o. frost at n.  
8. Ice, bright, frosty.  
9. Frosty a. m. some r. 9 p.  
10. Close, some mist, warm 6 m.

A<sup>o</sup> 1672. Dec. 28. V m. 17.

22. Close, windy 2 p. rain 4 p. very high wind 10 p.  
23. Rain a. m. hold up 2 p. high wd, cloudy night.  
24. Tempestuous r. l. fair, H. wd, evcast p. m. harmful on the Thames, offering.  
25. Fair, H. wd a. l. flying clouds.  
26. Rain 2 m. ad 8 p. Sun set; windy, rain o. & p. m. high Tide as ever, was known.  
27. Rain o. close, high wind, 11 p.  
28. Winds, rain 1 p. 9 p. H. wd 11 p.  
29. H. wd die tot. shower 3 p. Lightning destroys the Church at Beningden.  
30. H. wd, rain 5 m. H. wind, E. 8 p.  
31. H. wd, drizzly a. l. tot. H. wds, cloudy p. m.

A<sup>o</sup> 1675. March 3. 2 II 17.

7. Frost, overc. stiff winds.  
8. Fair a. m. storm of hail 4 p. and drile, cold night.  
9. Rain much at a. m. dark 7 m. storm of snow and mist 1 p. H. winds 11 p.  
10. H. wd, fair a. m. cold, warmer at n.  
11. Frost, mist, fair a. m. of fer p. m.

12. Frost, ice, fair, mist, windy.

13. Fr. ice, yielding p. m. close, winds.  
14. Frost, ice, white clouds, as for snow, o.  
15. Fr. ice, snow, hail a. m. dark, close.  
16. Offer, close m. p. and in. 5 p.  
17. Close, mist, wetting 5 p. coldest about Sol sec.  
18. Some drile 7 m. fog m. p. mist. N.  
19. Close, misting 3 p. and 9 p.  
20. Close m. p. misty, driling 6 p. 22.

A<sup>o</sup> 1681. Nov. 29. V S 19.

- Nov. 25. Coldish, dark, f. R. 4 p. wetting 11 p.  
26. Cloudy, cold, brisk wind, f. moisture m. p.  
27. H. wind a. l. with moisture 2 p. 4 p. R. 10 p. Meteor 7 p. cold and sharp.  
28. H. wind, fair, cold a. m. cold night.  
29. Fr. some wetting o. freezing 11 p. Sickneis lately broke forth in Barbary.  
Nov. 20. Breaking out of the Evil.  
Dec. 8. News of a Comet in Lithuania.  
10. Earthquake in the Country of Cleve.  
30. H. frost, fair, scarce a. cl. 10 m. wet ante Sun set, and the night.  
Dec. 1. Windy, cloudy, scarce hold up rain Sun set, warm.  
2. White clouds flying unde. a black Heaven; warm pt m. Boys Sicken.

A<sup>o</sup> 1684. Jan. 26. H. S 21

22. Extr. frost, fiercer at n. fu. 21 p. open m. p. brisk wds.  
23. Fr. unparallel a. l. snow, winds vesp. intolerable.  
24. Fr. insufferable; snow a. m. 1 p. p. Sun set, wd. E.  
25. Some snow a. m. p. m. not so vehement.  
26. Frosty, and snow often, snow at n. sharp wd. E.  
27. Frosty, sharp wd.  
28. Frosty, sharp wd, strange News of ice at the land-end. Thames passable Below Bridge.  
29. Frost, but yields a. m. freez at n. sharp wd.

§ 6. I can scarce cast my Eye on this Table, but I meet with Frost, or Ice, Frost and bitter cold wd, Dec, 1656. Frost, Snow, and cutting Wind, Dec, 1667. and Jan. 1668. Frost, sharp Frost in Febr, and March, 1659. Ice in the entrance of Nov. 1670, which is not very usual. Frost at the end of Nov. 1681. Only Dec. in the year 1672. is free. But the year 1684. will be remembred for *Temple-Street*-faze, the unparallel'd, unsufferable Frost! the History of which Frost throughout the World, had not been an unworthy undertaking; so much did I hear of it. Here you may see the terms of unsufferable and unparallel'd, fall in the Sphere of our Aspect: so our Aspect helps to the Obstinacy; That's all we observe. And 'tis not the first time that  $\psi$  and  $\delta$  are found oppos'd in Monstrous Frosts; even in our Age: For on this our Aspect I meet with *Danubius coneretus & frigus immane*; but this, in *Kepl. A°* 1621. and again as we shall see in due place, Dec. 1634. Finding some little Glimpse of this strange Truth, I have magnified honest *Eichstad*, but he is forc't to put it off from the Nature of the Planer, and expose it to the Northern Wind then blowing. In the mean while I am not little pleas'd, that the Antient *Arabs* should vouchsafe this Truth, which none of our Moderns, for want of Experience, have dared to accept. I was not little pleas'd, I say, to observe that those *Pagan* Friends of ours, who speak of the Inundations of *Tigris* and *Euphrates* from this Aspect found in one certain Sign (in which I know they speak true, by the way) should tell us that in other Signs  $\psi$  and  $\delta$  make great Colds in  $\gamma$ , Snow in  $\delta$ , great Cold in  $\alpha$ , *Astrol. Anglic. dist. IV. Lib. I.*

§ 7. Surely the Summer Months then are not quite free, for in *May*, 1661. we find Frost. Morn; yet hot day noted, *A°* 1663. *Mense Junii*, Hail 3 or 4 times. In *Sept.* 1665. Notable Frosty Cold Weather. In *March* 1675, Icy Frosts, Hail. Hail die 8. Snow die 9. yea, Frost, Ice, Snow and Hail, all on *Die* 15. But *Sept.* 20. Shews black Frost in 1679. And this moves us easie People to believe *Old Traditions*.

§ 8. I said we would begin with the least offensive Influence, and that was Cold; I hinted thereby (contrary to the vulgar Presumption): that Cold is not always a wholesom, innocent Constitution; no, not in Winter: In Summer perhaps it will be said, that it is unseasonable, and therefore may not be agreeable. For I fancy I may distinguish (to speak rudely) two Spirits of Cold, the one proceeds by Nature, the other by the *Chymistry* of the Heavens, i. e. by mixing Two Hot Ingredients to produce Cold; as our Noble *Pyrophilus* offers. The Cold proclaimed under our Aspect; or its Equivalent; answers to this later Production, Two Luminous Planers conspiring to effect it. I remember in the year 1665. a year which we ought all to remember, who were concerned; when in the Month *September* there came *Notable Frost*, Cold and Winterly Weather: All men gladded themselves with this Conclusion, That the Plague would cease: I doubted it then, having found by Observation, that  $\psi$  and  $\delta$  had a Hand in Both; and the event was too true, the Sickniess abated not upon it, but rather rose to its Fatal Height. When the Cold came by the ordinary way of Nature, i. e. Separation of Calorific Bodies; then, God be thanked, we thought of returning to our dear Native City, but before that the Observer durst not venture. Now for the Winter, even there we find Frost; and a Cold *Dec.* and yet great Suspensions of Hurtful Influence, our Aspect being confest, as may appear by the Murrainer of Cattle in that time; and the Eruption of Evil in Youth, which accompanied it.

§ 9. Now though our  $\varphi$  (to speak of that alone) may ordinarily produce a Frost, and help to continue the same, put up by other Causes, yet

even

the *Hyemal* part shews the *Turbulent* Nature of our Planets in Winds, not only cold and cutting, but High and *Disorderly*: Twice or Thrice do we meet with Fury and Damage: often with Lofty and Murthering Gusts, The beginning of *January* 1668. and the Close of *Dec.* tells us of Lightning in the Holy-days, *Destroying* Towers of Churches. As for the great Tide noted about that time; it seems but a single Instance; but we may reckon for it, or the like in our Doctrine of *Inundations*.

§ 10. How turbulent are we in the Summer then? Winter, I hope; is the more Turbulent Season: *November, December, January and February*, and *March* also: For all Observation gives in *November and December* to be notable for Turbulency, witness our *Hyemal Breviat*, so of the rest: yet in the Summer-time, as short as our Notice is (for the Longer will tell you another Tale) ♃ and ♂ bring then, I say, High Winds and Rain; *June* 1652. and Store of Thunder at the same time. Store of Rain in *Sept.* 1654. and Thunder on the 23d. day. Sad Rainy Day, *April* 26. 1661. with Heat after. *Apr* 1663. Thunder and Hail, violent Storms in *June*. Stormy in *Sept.* 1665. Heat and Meteors all *June*, 1677. Rain and Lightning. Hard Rain and Flashes of Lightning, *Sept.* 1679.

§ 11. We must not forget the Dryth; for what conduceth to Frost, conduceth to a dry State of Air, in Summer especially. The Figure of *Leo* and *Aquarius* happily shew (I do not say prove) the One should be Drier than the Other: *July*, Fairer than *Jan.* This we note to stop the Mouths of those, who dipping upon this place, perhaps, may be apt to condemn us for the Rain which falls under this Aspect, which we think observable, though the greater number of the Days be free from it.

§ 12. *Magenus* tells us if the Aspect hap in the same Quarter with the Sun, it produces Soultrey Heat, in eadem Quarta; as I remember in the Antients, signifies the same Quarter of the year, and That is reason, and confirmed by our *Astrol Breviat, Proviso*, that you understand the Effects of Heat too, Storms, Rains; Thunders, as the Fit takes them: In the same Sign with the Sun, it must needs do the like.

§ 13. He tells us further that in this Aspect we must regard which Planet hath most Prevalency, and why? because if *Jove* prevails, happy go lucky: but if ♂ prevail, then come Droughts and Sickneis, and *Alia Mala suboriuntur*. To which I say, I heartily acknowledge ♃ and ♂ to be a Weighty and Dire Aspect, I may say; and I fear others will be of my Mind before we have done. But I understand not the *Mamareth*; or Elevation of the *Arabs*; or if I do, I see not the suitable difference of the Effect: Fortitudes and Dignities of Planets, are Terms not to be wholly exhibited; for a Planet above the Horizon is more strong than below; Of Northern Latitude they say more strong, than the Southern, concerning which in another place. But yet, as they are vulgarly taught (I speak as to our Affair) They are to me *Quick-Sands*, I find no Footing. This I was willing to do; what *Ptolemy* and Others speak of Dominion of a Planet, to apply it to a ♂, or some great Aspect, ♀ or ☐, and I found it to accord. For a Planet encouraged or irritated; if it have any Influence, must shew its Strength by that Irritation: Now such Irritation is found in the greater Aspects.

§ 14. The like I say of *Fires* and Conflagrations, which are imputed to this Aspect, especially; I know not but *Ptolemy* may mean, only the accident of Firing of Trees and Woods by excessive Heat in his more Southern Countreys, as hath bin touched before; or Firing of Buildings by Lightning; and this may be too true then, and since in those places. And if true, it helps to abett the Immortal Influence of Planets, which are the Divine Instruments of Vengeance: but if otherwise he means, though I

thali.



shall not go about to deny some seeming Evidence which may be brought, therefore, I say, I am not engaged to meddle in it; nor do I believe it can, or will be ever made out: The Effects which we teach have a *natural* dependence on their Causes; as Rain depends on Heat, as the Colour of the Rainbow depends on Light.

§ 15. But to make amends, for Sickly Seasons, Accute Diseases, &c. which *Maginus* adds, Let the Learned World pardon me, if I do again averr it, and strike the Nail home yet, than I have done already, with all safety to our most Holy Religion, and the blessed Author of it

§ 16. For is it not a *Childish* Argument to say, God made all things Good (i. e.) conformed to his own *Idea*; therefore, there is no *Malefique* Creature? Not to enquire curiously, what should have been the natural Course in the *Innocent* State, we suppose our Apostacy and Rebellion towards God, and so we believe with *Siracides*, that Fire and Teeth of Wild Beasts, and Stings of Serpents were made for Vengeance; that the Sun may now burn us by Day, and the Moon annoy us by Night; that the Stars of Heaven may be *Worm-wood*, and have a bitter and *unkind* Influence. The ☉ conduces to Feavers, and the ☿ to Frenzies and Epilepsies.

§ 17. And verily, This Observation found me when I thought it not, came dress'd to me in its own Light, while I was attending to the various Shapes and Changes of the Air; no suggestion to my remembrance of any *Astrologers*, Antient or Modern, taught me to suspect what I afterwards found, that the Distempers of the Season depend upon what the Season it self depends, the Aspects and Positions of the Celestials. *Galen* also so long ago saying the same, Feavers, Catarrhs, Small Pox, Fluxes, Pestilence, &c. according to the difference of the Clime, and the Patient, do annoy us, when the *Heavenly* Bodies Transit, or take up Station in such Parts of the Zodiack. There is no denyal of it.

§ 18. *Kepler* in his Diary hath observed, it seems, amongst his *Germans*, Catarrhs and Coughs. At *Lintz*. A° 1621. April 20. Coughs at *Saganum* in *Silesia*, Febr. V. A° 1629. Catarrhs: Who would suspect such a Malady had any relation to the Planets above? Cold Air, and a Moist Brain, &c. These are Physical Causes internal of Catarrhs. But of late, strange Experience taught us in *London*, yea, all *Europe*, that, saving all such internal and proximate Efficiency, some strange *Aspect*, Single, or Complicate, disturbs the Humour. For the Case was of one Night, even of One, wherein a manifest barking Cough had seiz'd the generality of Young and Old, *Octob. 25. 1675*. Verily, there was an Aspect of ♀ and ♂, with an ♂ of ♄, which occurring as rarely as its pretended Effect, may be suspected for some Cause of it: However, this was ♄ then, but the Catarrhs of *Germany* (no body is so fit to acquaint us herein as *Kepler*) belong to our *Jove-Martial-Aspect*. In both these several years and Months we shall find a ♂ ♄; the First, *Jan. 22.* the Second, *Febr. 10th.* and that you may suspect here also they were a Cause, you shall find no other Coughs or Catarrhs elsewhere specified.

§ 19. To proceed, these Catarrhs are noted to have happened within a day or Two, if not the very day of the Configuration; where I desire the good Readers favour while He observeth that we labour after a Determinate Punctual *Prognosis*, even of *Maladies*, as well as Constitutions of the Air, we do not pronounce *indeterminately*, and leave the Determination of the Event to its proper unknown Cause, and Father it, when it happens upon its pretended Assignment: That is the *Vulgar* imperfect way; but we match the Effect to the Cause, acknowledging no Posthumous Brood in our Midwifry: Then, and there, appeared the Effect, not sooner, nor later.

## Festival Part.

A° 1652. June 37. ♄ 6.

A June 23. ad July 2.

23. Cloudy, clear, f. wd.  
 24. Cloudy, store of Thund. shows at n.  
 25. Cloudy, rain, f. Thund.  
 26. Windy and cloudy at n.  
 27. Clouds, f. rain, wdy.  
 28. f. rain, wdy, cloudy at n.  
 29. Showrs, high wds.  
 30. Showrs and wdy.  
 July 1. Clear, wdy,

A° 1654. Sept. 19. ad 28. ✕  
M 16.

19. Winds b. d. dark, cloudy.  
 20. Cloudy m. clouds overc.  
 21. Cloudy, f. fits of wet weather.  
 22. Flying clouds, heat, wind at n.  
 23. Winds, dark, cloudy, Th. at midn.  
 24. Rain.  
 25. Rain m. f. store of R.  
 26. Cloudy m. clear d. audible wds, r. suspicious.  
 27. Misty m. warm.

A° 1661. April 28. ♄ V 5.

24. Cloudy, sometimes showry, clear even.  
 25. Cloudy, wdy 9 m. showry, wet day, even, cloudy.  
 26. Cloudy, wdy, a sad rainy day.  
 27. Cloudy, misty m. p. even, cloudy, f. rain.  
 28. Cloudy, a shower at night, bright m. p. even, cloudy, f. rain m. n.  
 29. Cloudy, rain, threatening o. f. drops.  
 30. Cloudy, somewhat misty p. m. f. Sun. A starry even,  
 May 1. Cloudy, dry p. m. somewhat clear, and Sun-shine.  
 2. Frost, l. fog, clear m. Hot May weather.

27. A° 1663. June 29. ♄ II 5.

26. Close, wet m. coasting showrs 9 p. 6 p. Hail.  
 27. Rain 7 m. storm, thunder, hail p. m. rain at 7 p. m.  
 28. Fog m. clear up, cloudy p. m. clear night.  
 29. Bright m. cloudy toward

o. violent storms of Hail, dropping 6 p.

30. Fair, dry, some flashing clouds, overc. 10 p.

July 1. Rain Sun rise, f. dashing o. fair and heat p. m.

2. Dry, warm, blushing quarters H. p. m.

3. Close m. p.

A° 1663. Sept. 18. ♄ 12.

13. Frost, fair, cool wd, warm, Sun shine, overcast n.

14. Frost, close m. p. dry 4 p. gentle rain m. p.

15.

16. Notable frost, fair, cool, cloudy.

17. Storms of Rain and wd.

18. Very cool, h. wd, suspicious about Noon; coasting showrs west and Sun set.

19. Hail, frost m. doubtful, cloudy, close, winterly, f. rain 2, 3, 4 p.

20. Calm, close, f. showrs at Sun rise, wetting mist all day.

21. Close m. p. f. dropping, rain 5 n.

22. Some dewing morn. hot-tish, close.

23. Moon shine b. d. overcast, rain.

A° 1675. March 13. ♄ II 19.

7. Frost, overcast, stiff wds.

8. Fair a. m. storm of hail 4 p. and drizzling, cold n.

9. Rain much a 2 m. dark 7 m. a storm of snow, miste 1 p. h. wd

10. H. wind, fair a. m. and cold, warm n.

11. Frost, mist, fair a. m. offer p. m.

12. Frost, ice, fair, mist, windy.

13. Frost, ice, yielding p. m. and close wds.

14. Frost, ice, white clouds as for snow. o. close at Sun rise.

15. Frost, ice, snow, hail a. m. cloudy, dark, close, yielding p. m.

16. Offer, close m. p. f. snow 8 p.

17. Close, mist, wetting 5 p. coldest about o.

18. f. drizzle 7 m. fog m. p. missing at n.

19. Close, missing 2 p. 9 p.

20. Close m. p. misty, drizzle 6 p. 22

A° 1677. June 15. ♄ 27.

10. Close, fog m. ad o. open and no mist. Meteor 10 p. in the earth and Air.

11. Showrs a. m. 9 m. n. m.

12. Windy n. floating clds 9 m. f. dropping and offering 1 p. 4 p. showr 6 p.

13. Warm, open, overcast 1 p. open, overcast 9 p.

14. Fair m. cloudy 10 m. pregnant clouds, warm.

15. Fair a. m. much lowering 2 p. offering 4 p. drops 6 p. poultry even, thick, etc.

16. Floating white clouds 9 m. and 8 p. overc.

17. Showr 1 m. and Sun rise, close, mist, hot, offer. R. 11 p.

18. Wet 2 m. said the Watchman, close, rain 2 p. high wind 3 p.

19. Fair, some mist, lowering o. clears up Nly. lowr. Wly.

20. Fair m. misty, close 11 m. floating, lowering clouds 7 p. wind various.

21. Mist m. bright, f. misty : brisk wd. Meteors near Pegusus.

A° 1679. Sept. 16. ♄ m 9.

12. Close mist, close most part, cloudy, warm, brisk wds. great drops 2 p. cloudy 8.

13. High winds, great showrs 3 p. rain 8 p. overcast, close, great fog.

14. Cool m. open, cloudy, brisk, suspicious 11.

15. Close, fog, rain a. m. 11 m. hard aue o.

16. Clear, colder, rain 7 m. 11 m. o. 3 p. high wind; flashes of Lightning aue 10.

17. Clear, cloudy, high wd, cool rain, 3 aue 5. showr aue 6. Large Iris.

18. White clouds, mist, brisk, wd, suspicious, cloudy 1 p. cool.

19. Close, cloudy great fog, cool wd, open.

20. Black frost, cool, clouding p. m. rain ad 12. 7. 2 very high wd.

21. As for Fog, though 'tis regardable at Sea or on Land, yet we have balked it, because 'tis no Rarity, out of ease to our selves; yet an Instance or two found us in the Summer especially. That of July 5. 1578. termed, *Hideous Fog and Mist* in the Journal, and so continued for a *Fortnight*, *Hakl. p. 41. = 5. 2, 7. 8.* we may read the Cause in these Characters; the cause of the *Darkness* and *Continuance*. That of Aug. 1580. in the Night (in *North. Lat. 69.* though it be) we see is not procured but by consent of Aspect, 8 19. 8, 2 4. 2. But you'll say, one Instance proves nothing. True, if I pronounced any pretended Truth from a Naked Instance. Alas! I superseded to produce more for Brevity sake. Let us take two or three therefore (since they are call'd for) from *Keplers Diary*; *Sept. 2. 1625.* there is noted, *Nebula fatida*; in another place, *Nebula Pernox. Nov. 15. 1627.* Yea, *Nebula continua* for 5 or 6 days; from *Nov. the 25. 1627. Dec. 1. Anni ejusdem.* All which *Kepler* refers to the Nature of the Month, secluding the Aspect: When as we find in every one of these, without exception, either *Opposition* or *Conjunction*, *Platique* or *Partile*. We don't go to deny that *Sept. Nov. Dec.* are *Misty Months*, and that upon *Keplers Account* of *Sol Cadens*, or declining, or distance of the Sun: Therefore *Scotland* is more *Obnoxious* to Fog than *England*; and *England* more than *France* or *Spain*; The Occasion of *Gondomar*, fam'd Reproach, when he left us in Winter time, whobid us remember his Service to the Sun, the next time we see him, for he had not seen the Gentleman a long time. But though *Fogs* are more frequent and permanent in Winter, than Summer, yet the *Declination* of the Sun is not the *Plenary* perfect Cause; for how then come Mists in *April, May, June, July*, if a declining Sun be the absolute Cause? How come Mists in Winter to fall on the Lefs, and *Vanish* in the Greater Declination? How come they to fall sometimes, not in the *Night*, nor toward *Morning*, but toward *Noon*, at *hor. 9. or 10.* in the Morning? How come Mists to clear up at *Midnight*? If a Mist falls in *Sept.* yea in *Aug.* upon a Declining Sun, it must last till the end of *March* at least; for *March* is a *Misty Month*. No, no: the *Peregrinations* of the ☉ and ☽, which I think constitute the Nature of the Month, abstracted from the Other Planets (unless we shall reckon ♀ and ♄ to the Sun) dispense nor Cold, nor Heat, Mist nor Clarity, without the Consent of the Rest. 'Tis they help to continue, and continuing to *incrassate* the *Fumid Vapour*, according as Summer *Misty Aspects* take place. For 'tis not always alike *Misty*; no, not near the *Pole*; as the *North-West Voyages* inform us. And 'tis clear from this, that it is not perpetual Fog with us in Winter. Yet the Sun is farther from the *Zenith* than the *Pole Arcticus* is from the *Tropic*. Nay, I fancy 'tis not a perpetual Fog there (though 160 degrees be a great Reach) no, not in Winter. For as God hath made the ☽ to give Light to *Greenland, &c.* and the other most *Northern Parts* for half the Month, as the ☉ for half the year; 'tis likely then, that 'tis not always a *Hideous Fog*, such as can wholly intercept the Light. God hath a care even for the *Wild Beasts*. It concerns then our *Mariners* to acquaint with these Principles. 'A ☽ of 2 with any Planet will ord inarily 'make a Mist any where, except under the Line: There, I have not met with any. But within a few degrees Latitude 7 or 8. I find *Hazy Air*, 1662. in *C. John Lambereys Journal*; and withal an ☽ of 2 and 8. 'Tis so of the rest, as certain as any thing in Nature. But we are concerned with our Aspect in hand. Of which I shall desire at this time that we observe only this, How the *Hideous Fog*, specified from *Hakluis* in *Probers 3d Voyage*, falls under the same Aspect, and the same degrees in both Places: *Sept. 2. in Kepl. 1623.* being 2 4. = 4. and This in *Hakl. 25. = 7.* Where is the Difference?



§ 22. The next shall be the monstrous Hail, noted first at *Auspurge*, July 19. 1528. *Lycosth.* 3. 8, 5 4.

A° 1521. Sept. 4. at *Basil*, such Hail as destroyed the Vintage, *Lycosth.* 26. 4, 8 1. 8.

A° 1557. *Languedoc*, Tempest cum Ton. & Grandines, such as was not in the Memory of Man, *Gem.* 2. 131. 7 12. 8. 28. 4.

A° 1589. July 13. near *Lovain*, Winds, Hail, Thunder, *Gem.* 2. 65. 11 12. 8, 7 4. 4.

A° 1600. June 18. at *Riff* in *Norfolk*, Hailstones as big as *Walnuts*, threw down the Wheat, *Stow*, 20. 4, 10. 8.

For the *Hail*. What shall I say? That 8 helps to the drop, the great drop, and 4 to the Cold. This hath bin said before. This I will say, that though I was no Eye-Witness of these Hail-Storms so many years ago, yet I am sure their Memorand is True; and so far the Witness of *Lycosthenes*, that others may witness for themselves. It destroyed the Vintage in one place; the Corn in another (these are no small Admonitions to Mortal Observers). I consult not the Author to embellish the Story with Frightful Circumstances, being already perswaded, that great are these Superiour Aspects, and as answerable are their Effects.

§ 23. There remains nothing, as I take it, but that we conclude with a cooler. 4 and 8 have been found of late in such a Position to favour, yea, to provoke Winter; No wonder that it produceth Hail in a Summer Storm; 4 is remote, but That will not serve to explicate his chill Influence; and 4, they say, is Moist, but He may be as dry in some Circumstances; and if 8 attempts him, 8 is but one, He cannot alone repress the Crudity of that Posture Celestial, but either consent to it, or is conquer'd by it. I shall produce some evidence to this Truth before I have done; nor do I reckon it superfluous, which lets us into the knowledge of the abstruse Nature of 4; or if you will, the Hidden Operation that Light or Warmth hath in the Dispensation of Cold; which to me is a Positive Quality, though I strive as much as I can to Captivate my Judgement to my Betters, who teach the contrary.

#### Frigor, 4 8

§ 24. 1540. Dec. 17. Snow hard, much Cold at *Ghiacca*, *Purch.* p. 3. p. 1544. 2 4, 18. 8.

1568. Dec. 2. *Hyems asperissima usque ad medium Martii*, *Gem.* 2. p. 63. *Hovs.* p. 662. 7 20. 4. 7 2 8.

1573. Late Spring, Wind NE. with Frost from the beginning of the year till *Ascension*. On *March* 1. 4 11. 8, 8 0. 4: and *April* 1. 8 4. 8, 7 4.

1578. Jan. 28. *Port St. Julian Latit. South* 49. We entred into the Port, two Months following colder than in *England* in the Depth of Winter, *Habl.* Vol. 3. p. 752. 3. 4, 29. 8.

July 2. Storm that Night separated the Ships in the midst of the Icy Mountains, *Habl.* p. 40, 41. 2 8. 4, 7 6, 8.

1579. Febr. 4. ad 10. Frost and Snow, wherein many Cattle perished; and Travellers lost, *Stow*, 625. 8 15. 8, 13. 4.

Nov. 19. High Winds Northerly, there was a great Frost, with much Ice in the River *Astracan*, *Purch.* Vol. 2. p. 442. 11 26. 4. 17. 8.

1587. Late Spring, and cold Summer; no Cherries until *St. James's* tide. *Stow's* Summery.

□ 4 8 in the matter all the first half of the year. 'Tis but a □; but so notable, deserves a mention. So I find it again, Cold *March* and *April*, A° 1599. on the same accident.

1595. From *Easter-Day*, on which it Thunder'd, Cold Wind *April* 20. and *May* following, 8 0. 8, 23. 4

1598. Jan. 1. ad 10. The River Thames near frozen over, Stow. 138. II 6. 22. 3.

Dec. 1. ad 18. Thames almost frozen, Stow, p. 788. 2 19. 3, 5 17. 2. pinching nearer and nearer.

1600. Jan. 20. Frost over the Thames almost in one Seven-night, began here. Hows, p. 135. 24. 3, 10. 2. March 23. Snow on Easter-Day, and so continued extream Cold: Snow'd again die 30. 2 1. 3. 10. 2.

April 4. Snow, Month Cold and Dry every Morning, Hows. p. 790. 2 3. 3, 10. 2.

May 1. Cold and Dry in April and May, but two days Rainy, 2 8. 3, 11. 2.

1609. Jan. 12. Virginia River frozen near half a Mile, C. Smith, 2 13. 3, 8. 6. 2.

1620. Nov. 27, 28, 29. Extreme

Cold in New-England, C. Smith, 2 2 opposed, but also 2 3. entering on Opposition, whence several Days in Dec. were noted.

1622. Jan. 24. St. N. Frigus intensissimum laesit vitium ipsas radices, 2 3. 3, 8 11. 2.

1625. Dec. 17. Frigus horridum. Dec. 19. Glacies in Danubio. 2 10. 3, 26. 2.

1626. Nov. 24. ad 29. Frigidum Crustae in Danubio. 2 11. 3, 15. 2.

Dec. 26. Frigus acre, 2 22. 2, 24. 3.

1634. Dec. 6. Frost continued all Winter Solstice, which with Drought before, so sunk the Thames, that Barges could not come to Lond. the like not known in 100 year; yea, People went over the Thames, saith Perkins, 2 29. 3, 2. 2.

1645. Dec. 15. Frost, bitter Cold, Sprig. So Jan. 6, 9, 12. id.

§ 25. This may seem enough to Well-Willers: Yet because it is a piece of a Paradox, that two Warm Stars (forsooth) should produce Frost; we shall bring in a heap of Snow-balls, and sturdy Ice, to perswade some kind of Assent to This strange Thesis; and when we have done, shall put in our Caveat. Our further Evidence may be drawn out of a continued Diary, from 1621. to 1646. without Interruption; unless when 2 and 2 interdict, as belonging to their Royalty, or when the present Aspect happens in the Summer half year.

1621. Jan. 14. S. V. Frigus intensissimum.

15. 16. Ningidum.

18, 19. Nixxit.

22. ad 26. Frigus immane.

Febr. 14, 15. Ningidum. 25. Gelavit.

March 16, 17. Venti frig. gelavit.

19. Nixxit. 20. Frigus.

21. Nix pluvia. 22. Gelavit.

25. Golia, pluvia. 29. Nimbi Grandinosi.

30. Ningidum. 31. and April 1. Nivosa, Grando, Tonuit. And so on as it occurs in the Book to which we refer.

All This will not satisfy a near Inquisitor, who will observe to me the greatness of the Stride and Distance between the Former and the Later Chill, or Frosty day. For example, 1621. Jan. 26. Frigus immane, but no news again of any thing like it, till Ningidum, Febr. 14. or Gelavit appears Febr. 25. a month after; and that a poor bare Instance till the midst of the Month following. I question Such Observers. Thus, Will not you allow some extraordinary accident which makes an entire Month warm in Winter? When That, whatever it retires, the Aspect returns to its Old wont, (not on Febr. 25. for that is but one Lonely Day, but) on March 16. where you see we have Cold and Frost for 5, or 6 days, being the end of March; yea, and 6 or 7 days not far off in April. For what should I mention Winter Months? Well, though we stand in it, that

M 5

Winter

Winter brings no Frost without a Winter-Position and Aspect; yet we will put others in Nomination.

§ 26. *March*, A° 1628. for our Aspect's sake, brings *Frigus Hyemale*, die 5. and 6. the very Term *Hyemale* shews the Cold unusual: Yet die 9. and 10. appears *Frigus intensum*, & *Nix copiosa*, the very day of the Equinoctial Sun. Nay, in *April's* first Week, Flaques of Snow twice or thrice.

*March* again, A° 1629. Snow the day preceding the Equinoctial, and Frost 3 or 4 days after. Nor is it News, for A° 1631. we find *March* his Nose drop with Frost and Snow, Die 13. & 16. Yea, a Month after, *April* 10. Rain, Snow, and Sleet. *April* the 10th did we say? We have in another year, *April* 12. & 16. Rain and Snow. Nay, if you love me, or my Aspect, look upon *March* and *April* 1640.

Yea, *May* Cold, A° 1639. at *Norimberg. Schlossen*, much Snow, and *Regen Sleet*; Snow and Rain for 3 days together. Here, I hope, it is not time of the year for Snow. No *Aquarius* in *May*. If the Night be Chill, and the Mornings make the Cow quake, as the Country *Saw* has it, the Days methinks should not Frown. But the Old excuse may serve for *March*, when Cold appears, What? but *Hyemis Reliquiæ*; and so perhaps they will pretend for *April* too, but with an inward Blush, at least, discovering the unreasonableness of such pretence, at such distance. But for the end of *May*, when the Sun is thinking to mount his Tropic Circle; if the Sun alone orders all, there can be no Reliques of Winter preserved so long in the Air. There is no Subterranean Repository there to keep ice; There is a Work-House to make Snow and Hail in Summer Months, but no Repository to keep it. *Jove* therefore must be a Cooler sometimes, and ♃ and ♂ must contribute as much as ♀ and ♂ to Winter Weather; and that in Platic Aspect as well as Partile; whose Chill Influence is sometimes discernible in *July* and *August*: Of which see, if it be worth the while, *July* and *August*, 1627. 1630. 1644. Yea, *June* and *July*, 1641. Compare, I pray, the Memoirs of the late Springs and Cold Summers, 1573. 1587. 1595. 1660.

§ 27. My Caveat therefore now is to my Faculty, that they heedfully look about them, when they undertake the Prognosis of the Constitution of the Air under this Aspect. For it is a very false Configuration, not sure to a fide, as we have admonished before, but many times leaves his Expectant in the Lurch: but you must observe his Comes and Goes, and so you will find him out. For according to those Vicissitudes, He will pretend to Winter, deep Winter, Snow and Hail, and Cold 3 days together, and on the 4th Thunder. I have given one example of many, viz. *April* 1. 1621. where *Kepler* records on the same day, *Nivosa, Grando, & Tonuit*. And this agreeable to what hath been observed in ♃ & ♀ &c. before.

§ 28. Here then take the Character of the Aspect. The ♀ of ♃ and ♂ in ordinary Circumstances, produces as ye have heard, Cold frosty Mornings in Winter; yea, and not seldom in Spring time. With a little more encouragement, produceth Snow, Cold Rain, Sharp cutting Winds. In Summer time all manner of Weather, Dry, Mist, Clouds, Winds, Heat, Rain, Hail, Thunder oft-times with Violence, a Taste of their Superiority. Apt to Turbulency and Tempest also in Winter, not Lightning excepted. The ♂ is much of the same Strain, only perhaps for Cold, hath a less kindness.

§ 29. But enter *Jove* and *Mars*, the second time, the 2d. of the Superiours. They make a fine Sight when they come within a Span Breadth in the Firmament; but like the *Canon* in the Camp, they are beautiful, but terrible. They bode mischief more frequently than a *Comet*; yea, and Cause it too. We consider it precluded from no *Syzygie*, but that of the



Two Highest,  $h$  and  $u$ . It *swallows up*, we have said, the Aspects of Less Duration, as a *Serpent* doth Worms and *Toads*, and is nourished by them; though those Minor Configurations are not destroyed, but live and move in the Belly. We are not glad, nor do we boast in telling the World strange News to *aggrandize* the Art, or the Professors. All that we wish is, That the World may know the *import* of what it seeth, and when they believe, or smart under the Effects, may Learn to *Fear*, to come to some, at least, Natural Theology; since he said not amiss, who hath taught us, that *Fear* and Terror first created (or Refreshed) the *Idea* of a *Deity*. Nor hath God in his Oracles, forbid us to be afraid of the Signs of Heaven, if the Prophet means the *Natural Congresses* of the Heavenly Bodies. He forbids us not, I say, to be afraid *absolutely*, though to Vulgar Interpretation it may seem so, but only *relatively*, such a Consternation and Emotion of Mind that is found in Heathens, who ordinarily look no higher than the 2d Cause. As in sundry places he bids us not to *cave* and Cark for the things of the World, nor fear the *Persecutor, who kills the Body*.

§ 30. To those who are not convinced from the Faith of our Testimony, nor from our Weak Reflexions thereon, we draw in this further Evidence, being Zealously affected toward the advance of a *Natural Astrology*; believing, or else I should be heartily sorry, that it conduceth to the advance of *Religion*, and the Glory of the Creator, whose *Worms* we are, whatsoever *Philosophy* takes up our Brains, *Old or New*.

§ 31. Our former Tables of this Aspect was but the Soft Stop of the Organ; This is the *Loud* one which makes the Lofty Curvature of the Celestial Arch to ring, and shout out the Praises of him, in whose Temple all these great Things are Transacted. He who will know Truth, must look back into past time: If the World were but of yesterday, and made by the Concourse of *Atoms*, it were but Venial to be an Infidel: but when so many years are passed over our Ancestors Heads, and the same Nature holds now as before; I say, nothing but this, that He who minds Truth, must not despise the Light which the past Ages have left us. The Scrowle of past Times, which remindeth us of Tempests as far as 180 years, runs backward, part of which we have already presented, the Residue now succeeding is, as follows.

§ 32. *A Table of Tempests, Rain, Hail, Snow, Winds.*

Anno

1517. June 26. Tempest, Hail, with T.M. at Nordlingen, *Lyc.*  $\alpha$  17.  $\delta$ , 21.  $u$ .

1520. July 11. K. Henry's Temporary Banqueting House, built for the Emperours entertainment, with all its Pomp, blown down, *Stow.*  $m$  11.  $u$ ,  $\pi$  6.  $\delta$ .

1521. Octob. 24. Magellane Tempest, and 3 Lights on the Shrouds, *Purch.*  $\tau$  5.  $\delta$ , 23.  $u$ :

1526. Circ. May 10, 11, 12. near Otmar, extreame Darknes, and rage of Weather, lasted till May 20. *Purch.* 1.p. 1114.  $\delta$  29.  $u$  26.  $\delta$ .

1527. Ab April 12. ad June 3: Rain Day and Night, so that Corn failed, *Hows*, p. 527.  $\delta$  530.  $\delta$  in  $\pi$  2; some transpose this to 1528. *Lyc.*

1528. July 19. Auspurge, Great Hail-stones, *Lyc.* 535.  $u$  and  $\delta$  in  $\alpha$  princ.

1538. *Hycme imminente*, saith *Calvis. Barbarosa's* Shipwrack near the *Acroceraunii*, 2000 Men lost. *Surius*, p. 671. In Nov.  $u$  and  $\delta$  opposed in Tropical Signs, as  $u$  and  $\delta$  also.

1539. Circ. Aug. 23. Extreme Tempest near the Isles of *Xulisco*, on the back-side of *America*, with danger

- danger of perishing, *Frobisher*, *Hakl.* 398. § 8. §, 15. 2.
1541. *Sub Hyemem Caesar fada Tempestate ad Argieram Africa iactatus in Magno Discrimine versatus est. Hell. prefat. & Galvis. ad Nov. init. 2 and § in fine.*
- June 30. Wind blew hard at E.S.E. Red Sea Mouth, § 25. 2, § 17. §, 22 § in § and 22.
1547. July 20. *Libo Notum vehementiss. Dr. Dec. Annot. ad Menssem, § 22. §, § 12. 2.*
- Aug. 1. *Africus Vehementiss. & Pluvia continua a 4 hor. ad 10. P. M. Init. 22 §, 10. 2.*
- Aug. 14. *Procella cum Africo Vehementiss. ut Cælum delapsurum Credere, § 10. 2. 22 §, cum 22 & 22.*
- Sept. 11. Sand in the Air like Smoak carried with the Wind.
1548. May 1, 2, 3. Exceeding Boisterous.
- Dec. § 14. §. 22 §.
- Die 8, 9, 10. Stormy, Cold, Rain, § 19. §. 22 §.
- Die 11. *Grando cum magna pluvia June 13. Pluviosa tota.*
- Die 14. Rain from Midnight to 10. m. Id. § 22 §.
- July 6, 7. Mist, Rainy *Lovain.*
- Dec. 22 §, § 20. §.
1549. Octob. 15. & 25. *Ventus. m 3. §, § 23. 2, id.*
- Nov. 10. *Ventus Vehementiss. id. in m and § 20.*
- Die 13. Boistrous as might be, and Rain, *id.*
- Die 16. *Ventus longe Vehementiss.*
1550. Aug. 5. *Tuffon near Laubin. Fritsch. 22 §, 24. 2. Add § 6. §.*
- June 11, 12, 13. Stormy, that those which were on shore durst not return, *Lat. 65. Hakl. 314. m 27. 2, 22 §.*
- Die 18. Wind Northerly constrained us to go back, *ib.*
- Octob. 5. *Lat. N. 41. Very foul Weather, with Winds, Rain, Tower-son, Hakl. 129. 22 §, 22. 2.*
- Die 16, 17. Near the Isle of Wight, Great Storm, *Tower-son, Hakl. p. 130. § in 22 4.*
- Nov. 10. *Russian Embassadors Vessel cast away on the Scottish Coasts the Embassadour scarce escaping, Storm, § in 22, and 22 §. 22 §.*
1558. July 15. Hurricane through a great part of France, *quo tempore exacte Novilunium fuit, Gem. Hakl. § 23. 22 §.*
- Die 15. Near *Volga*, great Storm at S.E. *Jenkins, Hakl. p. 350. § 22 §.*
- Aug. 13. *Caspian Sea*, Storm from the East for 3 days, we thought we should have perished, *Hakl. p. 351.*
1562. Jan. 21, 22, 23. *Horrida ventosa, Tempestas, Gem. 22 §, § 22. 2. Again, March 11. § in § 26.*
- Totius anni status Tempestatib. ventorum & procellis infestus, Gem. 2. 37. 22 with § in Signo eodem ad Maii finem usque cum § & § usque ad June.*
1668. Octob. 9. Extreme Storm, for every Hour we feared Shipwreck, *Hawkins in Hakl. p. 556. m 21. §, 22 §.*
1576. July 1. Much Wind, we spoon'd before the Sea. So die 8. again, *Hakl. 618. 22 §, § 15. 2.*
1577. Nov. 30. Two Barks Company lost by Tempest and Fog, *Hakl. 3. p. 39. 22 §, 22. 2.*
- Die 30. A Surge of the Sea took the Master of the *Gabriel* overboard, *Hakl. 3. p. 72.*
- Sept. 1. Storm very great, every Sea over-raking the Poop. *Hakl. 3. p. 72. Frobisher, 22 §, 22. 2.*
- Die 23. Coasts of *Cornwal*, very foul Weather, *Frobisher, 22 §, 26. 2.*
- Octob. 16. Great Storm, W.S.W. within a days Sail of the Isle of Wight, *Tower-son, Hakl. 2. p. 51. 22 §, 22 §.*
- Nov. 13. Sir *Francis Drake* departed from *Plimouth*, and next day was in great danger, his Mast broke. *Arthus. p. 8. 22 §, 22 §.*
1578. Jan. 20. *Friesland* cover'd with Snow, *Frobisher, Hakl. 3. p. 752. 22 §, 22 §.*
- July 2. Storm carried the Ship in  
th

- the midst of the Icy Mountains, *Hakl.* p. 40, 41.  $\vee$  1.  $\delta$ ,  $\simeq$  6.  $\vee$ .
- Julij Mense*, Snow and Hail, *Frobisher*, p. 48.  $\vee$  and  $\delta$  opposed, and not wholly the Distemper of the Country, as *Frob.* imagines.
- July 26.* Terrible Tempests, with Snow, we could not open our Eyes, nor hand the Ropes, *Hakl.* 1. 42.  $\Pi$  9.  $\vee$ .  $\vee$  17.  $\delta$ .
- Aug. 31.* Outragious Tempest, separated *M. Frobisher's* Fleet, continued a long time; the Fleet met not till *Sept. 20.* The whole Month stormy, *Hakl.* 3. 44. and 92.  $\vee$  13.  $\delta$ ,  $\simeq$  16.  $\vee$ .
- Sept. 1.* Lost Anchor and Cable, *Hakl.*
- Nov. 1.* Terrible Tempest, *Purch.* 1. p. 42.  $\vee$  13.  $\delta$ ,  $\Pi$  2.  $\delta$ , and  $\delta$   $\delta$   $\vee$  in  $\Pi$ .
1579. *Febr. 4. ad 8. day*, Snow; two Foot in the shallow, *Stow*,  $\delta$  in  $\delta$  13.
- Octob. 1.* Sea swell'd, Merchants lost their Goods on Shore, many drowned, *Stow*, 686.  $\simeq$  22.  $\delta$ .  $\Pi$  19.  $\delta$ .
1580. *July 2.* Wind blew very much, great Fog, *Hakl.* 1. 469.
- Die 23.* Very much Wind, Rain, and Fog, *lb.*
- Die 27.* Snow all Night, and much Wind.
- Aug. 2.* Very much foul Weather, P. M. & nocte tot.
- Die 5.* Rain and very much Wind, &c.
- Die 13.* Blew very hard, great store of Snow. We lay *Hakl.* 171.
- Die 15. & 16.* Windy and Rainy.
- Sept. 2.* Winds variable at all points of the Compts; so much Wind in this Night we lay at *Hull*, near *Foulness*.
- Sept. 5, 6, 7.* Very foul Weather, *Hakl.* 1. p. 474. Happy the Ship in Harbour, &  $\Pi$  2. *princ.*
- Die 23. 27. Norway*, very much Wind with Rain and Fog, *Hakl.* *lb.* & ut *supra*.
- Octob. 1. ad 7.* Very much Wind, and Vehement Blafts; Foul Weather, especially the 4<sup>th</sup>. when our Cable broke. Nor is it possible more Wind should blow, *Hakl.* 1. 475. &  $\Pi$  2.
- Octob. 17. ad 22.* Mediterranean Sea, Horrid Tempest. *Prosper Alpin*, *Africi Venti eo tempore flare solebat procellosi*, *lb.*
- Octob. 8. ad 24.* Flouds, Catarrhs; Fog, Rain 18.
- Dec. 3.* So much Wind, that we could bear but our Fore-Courle, *Hakl.* 16.  $\Pi$   $\delta$ , & 24.  $\vee$ .
- Die 27.* Snow all Night, with much Wind.
1551. *March 7. 8. Procellosa Navigatio Alpin*, *Purch.*  $\Pi$  22.  $\delta$ , & 4.  $\vee$ .
- April 5. ad 11.* Very great Winds and Storms, *Purch.* 1. p. 1411.  $\vee$ . and  $\delta$  in  $\vee$  and  $\delta$ .
1586. *June 12.* Great Tempests sever'd Fleets, *Arthuf. Occid. ind.* p. 8.  $\Pi$  6.  $\delta$ , 24.  $\vee$ .
- June 13. Virginia*, an unusual Storm for 4 days; *Hakl.* p. 746.  $\Pi$  8.  $\delta$ , 25.  $\vee$ . Great Billows and Showrs *Lincol.* p. 373.
- A 16. ad 29.* Many Tempestuous Storms, *Hakl.* *lb.*  $\Pi$  0.  $\delta$ , 25.  $\vee$ .
- July 7.* Whirlwind, takes up the Water, *Hakl.*
- Ab Aug. 28. ad Sept. 1. Lat. 50.* Two very great Storms, *Hakl.* p. 785.  $\delta$  10.  $\vee$ , 26.  $\delta$ .
- Sept. 6. ad 10.* Mighty Storm, which unrigg'd our Ship; Cable broke, so that we expected to be driven on Shore, *Hakl.* 786.  $\delta$  22.  $\vee$ ,  $\delta$  8.  $\delta$ .
- Sept. 3.* Long Voyage, unhappy, *Gavendish apud Hakl.* Very great Storm; lost the Sight of the Pinnace, which Pinnace never returned, *Hakl.* *lb.*  $\delta$  11.  $\vee$ .  $\delta$  2.  $\delta$ .
- July 8.* Tempest, Winds, Seas bellowing.  $\Pi$  24.  $\delta$ ,  $\delta$  0.  $\vee$ !
- Die 9.* A *Corpo Santo*, *lb.*
1588. *Sept. 2.* Tempest cast part of the Armado on the Irish Coast, where many Ships perished, *Purch.* 109.  $\delta$  14.  $\delta$ ,  $\Pi$  2.  $\vee$ .
- Sept. 8. Plymouth*, Terrible Storms, tearing Sails, Oars. *Hows* 813.  $\delta$  18.  $\delta$ ,  $\Pi$  4.  $\vee$ .
1598. *Jan. 1. ad March 14.* Stormy Weather, &  $\vee$   $\simeq$  cum  $\delta$  17.  $\vee$ .



- Sept. 14, 15. Storm, *Hakl.* 294. ♂  
in  $\triangle$  *una cum* ☉.
1595. June 20. Foul Weather, *Stow*,  
v 21. ♂, 14. ♀.
- April 18. Furious Tempest, broke  
Cables, and lost Anchors, *Hakl.*  
p. 582. v 1. ♀. 6 ♂.
1590. Octob. 5 & 8. Blew hard, *Purch.*  
 $\triangle$  24. ♂, 8. ♀.
- Die 18. Great Storm and Cold, m  
3. ♂, 8. 0. ♀.
- Die 31. Great Snow; m 12. ♂,  
8. 4. ♀.
- Nov. 13. Foul Weather, great  
Snow, *Purch.* m 21. ♂, 8. ♀.
1597. June 21. Isle of *Blank*, much  
Wind at E. *Hakl.* 3. p. 195. 8. 5.  
♂, 11. 4. ♀.
- Die 24, 25. *Plimouth*, extreme  
foul Weather, *Purch.*
- Die 26. Blew hard from South.
- July 19. Earl of *Essex* Fleet from the  
*Azores*, 60 Leagues from *Plimouth*,  
driven back by a Storm of 4 days.  
*Howes*, p. 783. 8. 26. ♀, 11. 10. ♂.
- Aug. 1. Wind hard, Waves hollow.
- Die 1. Storm, *Purch.* 1. p. 709.
- Die 17. *English* Fleet dispersed,  
with many Storms and foul Wea-  
ther. 11. 14. ♀. ♂. Sept. 5. met at  
the *Azores*, *Howes*, 783.
- Die 28. Wind blew hard.
- Octob. 14. great Storm, danger of  
drowning, *Purch.* 3. 12. 12. 11. 15.  
♀, 8. ♂.
- Oct. fin. on the Coast of *Sussex*, great  
Storm, *Purch.* 1945.
1598. Jan. 8. They Landed, having  
endured many Storms, which en-  
danger'd them on the Rocks of  
*M. Bay*, *Purch.* 1. p. 77. ♂ in ♀.
- Die 11. Continual Rain, and di-  
vers Storms, ad 17. in *Maurice*  
*Bay*. *Purch.* 1. 74. ♀. 8. ♂, 19. ♀.
- Febr. 22. St. N. Fearful Storm. 8  
26. ♂, ♀. 12. ♀.
1599. In fine Aug. A great Storm, *Lat.*  
54. it continuing usque ad October  
5. 8. ♂, ♀. 10. ♀.
1600. June 18. At *Ryffe* in *Norfolk*, Hail-  
stones like Walnuts, broke down  
the Wheat, *Howes*, 790. ♀. 19.  
♀, 11. 10. ♂.
- Sept. 9. Storms in two Months not  
one fair day, *Purch.* 1. 79. 8. 15.  
♂, ♀. 12. ♀.
- Octob. 4. Storm lost our Anchor, 8  
28. ♂, ♀. 16. ♀.
- Octob. 18. Much Wind, our Fore-  
sail blew away.
- Die 27, 29. Storms, ♀. 7. ♂, 19. ♀.
- Nov. 1. Much Wind, *Purch.* ♀. 9.  
♂, 20. ♀.
- Die 4. Storms, *Purch.* 1072.
- Die 27. Very much Wind, *Purch.*  
3. p. 130. ♀. 15. ♂, 21. ♀.
- Dec. 23. Boistrous Winds, over-  
bearing Tides, blown Leads of  
Churches, *Stow*. 789. ♀. 14. ♂,  
24. ♀.
- Dec. fine. Storms finish'd the Month  
and year, ♀. 18. ♀, 21. ♂.
1601. Frost & Febr. 13. to April 12.  
(Easter-day) Wind neither West,  
nor North. We impute it to the  
Aspect, which then, *secundum nos*,  
expired, 11. 12. ♀, 16. ♂.
1602. May 30. Fog and Snow, great  
Whirlwind, Current, 11. 17. ♂.  
 $\triangle$  11. ♀.
- June 6. Much Rain.
- Die 15. Much Rain, Wind and  
Fog.
- Nov. 12. Pleasant Gale, and very  
much Rain, *Purch.* 225.
1608. Dec. 24. Great Showr, high  
Wind, S E. Capt. *Smith*; at *Vir-*  
*ginia*, v 6. ♂, 8. 5. ♀.
- Die 30. Vehement Wind, much  
Rain 6 or 7 days together, *ib.*
1609. Dec. 21. *Sub noctem* Tempestas,  
*Kepl.* m 27. ♂, 11. 12. ♀.
1610. Jan. 10. All the time before  
the Wind having bin W. S. W.  
blew Storms Easterly.
1615. Octob. 1. After much Sea  
trouble, they had Sight of Land,  
but the Sea wrought so they could  
not Land, *Purch.* 1. p. 81.
- S. N. *Ventus decumanus*.
- April 6. *Venti Validi*, S. N. 7. *Nim-*  
*bi*. 13. *Pluit tot. die.* 22. *Nix.*  
24, 25. *Pluit Copiosè.*  
27, 28, 29. *Nimbi crebri.*
- Dec. 13, 14. *Pluit Largiter*, v 15.  
♂, 2.
18. *Pluit tota die.*  
20. *Pluit tota Nocte.*  
28. *Pluit Copiosè.*
1618. Dec. 14. Beaten back, cross  
Winds blow'd us back.

1619. May 26. *Astracan*. A great Tempest, *Purch*. 1. p. 130. m 29.  $\delta$ ,  $\gamma$  9.  $\lambda$ :
1620. A Febr. ad March 14. Many Tempests, and foul Weather, *Capt. Smith*,  $\lambda$   $\delta$  in  $\gamma$ .  
March 20. Great Storm, many *Corpo Santo's* in the *Indies*, *Purch*. 1. p. 620.
- Dec. 28. Rainy, Rain p. m. freez and Snow all Night, *Capt. Smith*, 238.  $\simeq$  25.  $\delta$ ,  $\gamma$  11.  $\lambda$ .
1621. E. *Diario Kepleriano*, St. N. Jan. 2. Much Rain, and dirty.
14. Nox Pluvia. 25, 26. *Ningidum*.  
Febr. 10. 14. *Ventus Validus*,  $\gamma$  m 13.  
20, 21. *Ventus decumanus*.  
22, 23. *Ningidum*.  
24. *Prodigiosus ventus*, *Vienna*, & *Pluvia*.  
27, 28. *Pluit largiter*.  
March 3, 4. *Nimbi quos imputat Vicinia magni Fluvii, cum*  $\lambda$  &  $\delta$  grad. tanto duob. distent ab *Oppositione*.  
21, 22. *Pluit Largiter*.  
23, 24, 25. *Noctes pluvia*.  
April 2. *Ningidum larga pluvia*,  $\gamma$  23.  $\lambda$ , m 22.  $\delta$ .  
Die 8. *Nimbi Grandinosi*, m 21.  $\delta$ .  $\gamma$  21.  $\lambda$ .  
May 14. *Tempestas, Grando*, m 11.  $\delta$ ,  $\gamma$  1.  $\lambda$ .
1625. Octob. 23. *Ventus Tepidus & impetuofus*.  
Octob. 25. *Ventus magnus*.  
Nov. 16. *Ningidum*.  
Die 17. *Pluvia continua*.  
Dec. 6. *Nimbi Grandinosi*.  
Die 18. *Ruina Nivium*.
1626. Jan. 5, 6. *Venti Calidi & Nives*.  
Die 10. *Ventus decumanus*.  
Die 13, 14. *Ventus Calidus continuus nives agitans*.  
Die 18. 19. *Euri Nives aggerantes*.  
Febr. 6. *Pluvia Multa*.  
Die 20. *Ventus Calidus*.  
Die 22. *Ningidum*.  
Die 24. *Ventus Validus*.  
March 2. *Nixit multum*.  
Die 5, 6. *Nix alta*.  
Octob. 1. ad 4. *Euri Validi*.  
Die 9. *Ventus Validus*.  
Die 13. *Eurus Validus*.  
Die 14. *Ventorum impetus, Nimbi nivium*.  
Die 24. *Ventus eeris ningidus*.  
Nov. 27, 28, 29. *Venti Validi*.  
30. *Ningidum*.  
Dec. 7, 8, 9. *Nimbi crebri*.
1628. Jan. 2. S. N. *Ningidum*.  
24, 25. *Nix Copiosissima*.  
March 1, 2, 3. *Venti Validissimi*.  
Die 19, 20. *Nix Copiosa*.  
Die 29. *Nox Ventus impetuosa*.  
April 7. *Ventus Validus*.  
Die 9. *Fæda Pluvia*.  
Die 14. *Nivosa Grandines*.  
Die 17, 18. *Grando nives*.  
Die 19. *Fæda Pluvia*.  
Ab April 27. ad May 3. St. Pet. *Pluvia, & dum*  $\gamma$  &  $\delta$  per *Fixas Tempestuosas* meant, *Kepl*.  
May 11. 12. *Pluit Copiose*.  
Die 13. *Tempestas*.  
Die 23. *Grando*.  
Dec. 17. *Pluit largiter*.  
Die 18. *Ventus Validus*.  
23. *Dies atra Pluvia*.  
1648. Dec. 30. Sad Showr, Wind and Hail most violent, Lightning vesp.
1651. Sept. 4. Very Wet, while K. Charles the II. sat in the Royal Oak.

§ 33. To raise our Thoughts up to the Bulk of our Ponderour Planets, 'tis best first to make use of *Kepler's punctual Diary*, where you shall meet with, not only *Nimbi, Grebri, Pluit Copiose, largiter, tota die, Nix Pluvia, Ventus magnus, Impetuofus, Decumanus, Tempestas, Atrox, Horrida, &c.* Now though the same hath been pretended in the Inferiour Aspects; yet this I say, that Those Aspects so powerful then, though we consider'd them Solitary, for Methods sake, in Nature were not so; when they mounted so high as to produce *Extremities*, they were united and backed with *Equal*; yea, with greater Aspects than themselves. It being an undoubted Truth that the Aspects of the Superiours, the Pure Superiour Aspects, are of

of more signal, more Majestick Influence, then the Pure Inferiours; or when a Superiour is mingled with one below him. For, as, beside the Vote of Holy-Writ, it is apparent that in an Elephant or Whale, the Power of God is more stupendiously seen in the very Bulk and Dimensions of the Animal, and the Proportionable Strength; so is it among the Celestial Bodies, the Congresses and Oppositions, &c. of the Superiours; the Behemoths and Leviathans of the *Aether*, being of greater Bulk, of Heavier and Graver pace, carry more of the Celestial Creator's Character and Impression, than the Meaner; so far, that as the Strength of the one, the Monstrous Animal, &c. so the Strength of the Other, the Planet is incredible.

§ 34. And therefore be sure to reckon always, when you see any amazing Extremity of Weather, that the Superiour Planets have the greatest Stroke, either by their mixt, or by their pure Concatenations.

§ 35. Observe secondly, the repeated frequency of the Extremity, Two days, Three, Four, Five, Ten, &c. which according to the Narrow Inferiours Principle, will not hold so long in any Aspect of ☿, (except perhaps, once in 10 or 20 years upon a Station) and therefore must be imputed to a more lasting Radiation. Thus, *A° 1621. in March we find Three Nights together, Rain (we make nothing of 2 days) A° 1627. Jan. 14, 15, 16, Nix continua. A° 1628. March 1, 2, 3. A° 1629. Jan. 16, 17, 18. Blustering. Dec. 24, 25, 26, 27. Snowing. As before, A° 1625. Dec. 14, 15, 16, 17. the same. Now for Five, Febr. 23, 24, 25, 26, 27. Stormy, Rainy and Sleet.*

§ 36. 'Tis easie to parallel this out of the Table of the Storms recorded, long before last Century: For even *A° 1526. we meet with extreme Darknes for 10 days, A° 1597. Aug. 17. Our English Fleet were disperst, so that they met not till September 5.—A° 1598. Jan. 8. lands the Seamen, having indured many Storms. A° 1615. Octob. the 1. after much Sea Troubles had Sight of Land. Nay on Sept. 9. 1598. the Weather was sad and Stormy, that in Two Months they had not one Fair day. Time was when we thought 50 days too much (when it rained so that Corn failed with us in England, 1526.) and yet our Aspect or Table is yet more unmerciful; for in some years, with some interruption more or less, we often meet with 3 Months Disturbance. July, August, September 1547. and A° 1548. May, June, July.—Add Sept. Novemb. Dec. 1557. and 1577. June, July, Aug Sept. (4 Months) A° 1578. So when Gemma tells us, that Totius Anni status, A° 1562. was infested with Tempests and Storms; our Aspect of ♃ and ☿ shall answer for the first 5 Months, found twice in the same Sign in that while. But may I not mistake non Causa, pro Causa? I answer, not well amidst such Testimony. He reach you but one Instance; The 50 days Rain when Corn failed, we scruple not to assign to our ☿, as a Cause. Nor will any man else, when he sees the Bodies concern'd, lodged in ♃ and ♀, not excluding the ☿ of ♃ and ♀; but we assert our Aspect to make one, and a great One, and that so confidently, that by this we dare convince Lycofthenes of a slip, who post-pones that wet Spring to 1528. because there is no such drenching Aspects appear in that after year; of which Slips there are too many, saving the great usefulness of the Design. But I do not pretend to convince all by Astrology. Concluding there are more obvious means by comparing other Records, &c. However this slip I evince by this Method.*

§ 37. The Length and the violent Starts of this Aspect being considered, we need not wonder, if we find prodigious Inundations too often under it, where among others, that at Home, and in Holland, *A° eod.* though not the same Month, and our Home Inundation in *Somersetshire*, at the beginning



ginning of this Century, will never be forgotten by the places concerned.

38. Now, shall not we who pretend to great things say somewhat to That, in our following Table, First, and miserable deluge in *Holland*, where so many Towns were swallowed up, tops of whose Turrets to this Day peep out of the Water, I know not on what account omitted by some Annalists, where 100000. People were Drown'd. I am not such an Atheist as to magnifie second Causes to the prejudice of the First; In my Philosophy They illustrate his Glories, not Eclipse them. I would advise therefore, some of our beloved Neighbours of the *Low Countries*, to watch the Caelestial Positions of that time; in particular there is a concurrence of our two Superiours in  $\pi$ ; Especially if about the beginning of *Nov.* which they may know, is apt to Floods. For in this year 1521.  $\mu$  and  $\delta$  are found in  $\pi$  the one in the beginning of the Sign, the other at the End. And is not that, First, according to our Principle? And again, is there any other Aspect near, that is Considerable? And yet again, This being not our Only Instance in  $\mu$  and  $\delta$ . as we shall see, Who knows but a little insight in Astrology may save 100000. Lives?

39. The Next dire Inundation at *Rome*, where the waters were Raised the depth of the Longest Spear; They may please to take heed of 2 Congress of the Planets in  $\pi$ , if two of the Superiours be amongst them; for so we find a  $\delta$   $\mu$   $\delta$  in the beginning of  $\pi$ , not without assistance, when their Inundation happen'd; and Lo! about a Month after, what with Winds and Rain, *Nov. 6.* such another Flood, *Ut Telluris obruta Glades, & pecorum & homines interit us, non satis describi possit, saith Gemma*

Flouds by  $\mu$   $\delta$ .

- |   |   |
|---|---|
| <p>§ 40. Anno<br/>1521. Nov. 1. Dire Inundation in <i>Holland</i>, 72 Villages drowned, <i>Framond. Met. Lib. 5. Stow, v. 11. 8, 24. <math>\mu</math>.</i><br/>1529. June 14. Basil in <i>Switzerland</i>, Rains continual, and Flouds; remembered by a Monument, <i>Lyc. 22. <math>\mu</math>, <math>\approx</math> 16. <math>\delta</math>.</i><br/>1530. Octob. 8. Inundation of <i>Tiber</i> at <i>Rome</i>, <i>Mizald. hor. noct. 11.</i><br/>Nov. 1. Deluge in <i>Holland</i> and <i>Flanders</i>, <i>Gem. 1. 183. Grimston, <math>\pi</math> 9. <math>\mu</math>, 7. <math>\delta</math>. supra in <math>\delta</math> 2, p. 249.</i><br/>1532. Nov. mens. Inundation in <i>Zealand</i>, <i>Mizald. Surin, m 16. <math>\delta</math>, 4. <math>\mu</math>, <math>\approx</math> 23. <math>\eta</math>. <math>\delta</math> 2 p. 249. supra.</i><br/>1551. Marburg, Jan. 10. Great Inundation, breaking down the Stone-Bridge of the Country, <i>Lyc. II 22. <math>\mu</math>, 29. <math>\delta</math>. Add <math>\eta</math> and <math>\mu</math> in <math>\phi</math>.</i><br/>Febr. 20. Inundation after the <math>\delta</math> recover'd from the Eclipse, lasted almost two Months, <i>Peucer, 385. II 21. <math>\mu</math>, <math>\approx</math> 1. <math>\delta</math>.</i><br/>1556. April 23. <i>Bruxels</i>: Tempest</p> | <p>of Hail, harmful, and Flouding at <i>Lovain</i>, in the mean time fair Weather, <i>Gemma 2, 30. <math>\delta</math> 12. <math>\delta</math>, 2. <math>\mu</math>; add <math>\pi</math> 12. <math>\eta</math>.</i><br/>1557. Sept. 10. In <i>Languedoc</i>, Thunder Lightning, Hail, and Floud upon it, which was not in Memory of Man, <i>Gem. 2, 31. <math>\mu</math> and <math>\delta</math> in <math>\pi</math>, E Paradiso. Sept. 14. at <i>Rome</i>, and Recorded, <i>Thuanus</i>. And so at the <i>East-Indies</i>.<br/>1571. <i>Lovain</i>, Febr. 5. Great Inundations, <i>Gem. 2, 68. <math>\approx</math> 28. <math>\mu</math>, <math>\times</math> 6. <math>\delta</math>.</i><br/>1579. Febr. 10. After a deep Snow, continual Rain a long time, so that <i>Westminster-Hall</i> was Floated, <i>Stow, m 12. <math>\mu</math> R. <math>\delta</math> 18. <math>\delta</math>.</i><br/>1607. Jan. 10. Vast Inundation in <i>Somersetshire</i>, after a great Rain and Spring-Tide; in some places 20 Miles in Length, <i>Howes, Galvif. <math>\times</math> 7. <math>\mu</math>, <math>\vee</math> 2. <math>\delta</math>.</i><br/>1627. Sept. 10. <i>Danubius ripas egressus</i> <i>Kepl. m 26. <math>\mu</math>, II 4. <math>\delta</math>.</i><br/><i>Die 18. Rock Wasser, Kyr.</i><br/>1629. Octob. 2. <i>Westminster Hall</i> Floated</i></p> |
|---|---|

- red,  $\nu$  27.  $\mu$ ,  $\$$  11.  $\delta$ ; Floud in *Holfatia*. (High Spring Tide, *Gbilrey*, *Transact.* 2063.) Yea, and Mexico.
1168. Jan. 23, 24, 25. *Norimberg*, Much Rain and Wasser Fluth, *Ky.* m 4.  $\mu$ , 19.  $\delta$ .
1649. June 17. Rain all Night, High Flouds,  $\mu$  16.  $\delta$ ,  $\approx$  9.  $\mu$ .
1627. Sept. 9. In *Franconia* nube rupta tanta aquarum vis decidit ut in aliquot pagis domus eversa, homines cum armentis submersi, &c. *Calvis*.

To these we add, which have escaped Collection.

- $\Lambda^{\circ}$  1528. June 14. Floud at *Basil* in *Switzerland*, *Lyc.* 538.  $\delta$  22.  $\mu$ ,  $\approx$  16.  $\delta$ .
- $\Lambda^{\circ}$  1547. Aug. 12. Cataracts and Flouds,  $\times$  9.  $\mu$ ,  $\mu$  1.  $\delta$  &  $\nu$ .
1555. Sept. 21. *Westminster-Hall* floated, *Stow*, & 22, 23. *Childrey*, m 27.  $\mu$ , 29.  $\delta$ .
1670. March 10. Inundation, *Childrey*, *Transact.*  $\approx$  9.  $\mu$ ;  $\delta$  23.  $\delta$ .
1571. Dec. 17. Inundation at the *Rhine* in *Nemetibus*; at the *Rhine* in *France*.  $\times$  16.  $\mu$ ;  $\mu$  26.  $\delta$ . *Thuanus*.
1579. Octob. 14. Sea swell'd, *Homs*,  $\approx$  22.  $\delta$ , m 19.  $\mu$ . *supra*  $\delta$  &  $\nu$  p. 250.
1599. Nov. 4. & 14. No end of stormy Rain, Hail and Snow, *Hakl.*  $\delta$  11.  $\delta$ , 20.  $\mu$ .
1619. Julii mense, *Pluvia* fere continua cum Inund. in *Thuringia*, *Calv.*  $\nu$  14.  $\mu$ , 26.  $\delta$ .
1649. Sept. fine & Octob. *Groß Water-Flouds*,  $\mu$  0.  $\mu$ ,  $\$$  0.  $\delta$ .
1652. Jun. 20. Great Flouds at *Dodmorton* in *Glocestershire*,  $\nu$  7.  $\mu$ .  $\$$  2.  $\delta$ .
1668. March 4. Stormy Wind, overflowing *Kings-Lynn*,  $\delta$  5.  $\mu$ , m 15.  $\delta$ .
1670. October 9. At *Bridgewater*, at *Welchpool*,  $\delta$  6.  $\mu$ ; m 20.  $\delta$ .
1680. At *Oxford*, Inundation, and elsewhere, in June,  $\mu$   $\delta$  in  $\mu$  princ.

$\S$  41. Now here to continue where we were intercepted  $\Lambda^{\circ}$  1530. we find the same Congress in  $\approx$  holds on still, and III. of the VII. in  $\tau$ : Whatsoever other Affiliants fall in, which we may know by their Livery: for we find a Superiour in  $\mu$ , and two, I may say, in  $\tau$ ; That's the Badge of a Drowning Planet, opposing to its Correlate,  $\mu$ .

$\S$  42. And to wade no further, suppose an experienced Observer should have said,  $\mu$  and  $\delta$ , especially in  $\tau$ , are dangerous; may not he have reason to think he hath obliged the Persons concerned, when within 40 years after, he hears that in *Languedoc*, there happened such Flouds from Excessive Storms of Hail and Rain, as merited a place in the *French Chronicle*; *Paradin*; such Flouds as were not within the memory of Man: While the Cause,  $\mu$  and  $\delta$  were found again in the same Sign. They may say, What are they concerned with the *French Chronicle*? I answer, I was willing to make an Observation for their use. Concerning the Interest that the Sign  $\tau$  hath in Inundations, which they may the more easily believe, if it be but for this, that their Flouds often happen about *Oct.* and *Nov.* where 'tis odds but some Planet or other is lodg'd in  $\tau$ . Nay, I can produce them three noted Inundations more, First,  $\Lambda^{\circ}$  1565. Jan. 6. where  $\delta$  and  $\nu$  are in  $\tau$ .  $\Lambda^{\circ}$  1570. Nov. 1.  $\delta$  and  $\nu$  in  $\tau$ . And before that  $\Lambda^{\circ}$  1552. Nov. 19. beside the  $\nu$  of  $\mu$  and  $\delta$ , two Planets were in  $\tau$ , the  $\nu$  making the Third, two or 3 days before the Floud. What more we have to say, we may expect it in our next and last Aspect. In the mean while if they like to observe the Positions of this Aspect, as they are presented in his Table; happening in other Signs beside  $\tau$ , it may not be fruitless. Better be False alarmed twice or thrice then be Surprised once.

¶ 43. We note the Difference between *Land-Flouds* and Inundations *Marine*; the First are caused by excessive Effusion of Rain, Hail, Snow, resolved on a sudden. The other is caused by the same hally Augmentations of the Sea, at what time the Body of the Sea is swell'd and rarified, as well as disturbed. Swell'd I say, by the Warmth, as well as to's'd with the Winds, where 'tis more apt to forget it self by overtopping its Bounds to a more furious Eruption. Somewhat to this purpose I have said before, discoursing of the Tides, and their encrease. I gather my proof at present from the Hour of the Invasion, which was, saith *Grimstone*, in that of 1530 at Noon, at which time, not the  $\odot$  alone, but  $\mu$  and  $\delta$  with him, were on the Meridian: this raised and disturbed the Waves to that unpreventible Height, as they overflowed All, though the Spring-Tide wanted two Hours of its Height. And thus much for a Touch at Flouds and Deluges.

¶ 44. Now, remembering that I make  $\mu$ , in some Cases, a Resister of Moisture I may be asked how he comes to be a Flouding Planet? As by our Table it appears; I answer, The Character of the Planet is not to be drawn from the extraordinary Position. There are some *Monstrous Positions* in Heaven, where you may not know what to make of the Celestial Body, unless you define it by *Fury*: There happens a certain irritation sometimes amongst these Celestials, wherein they seem to differ from their ordinary Temper:  $\mu$  may assist or abate the Moist Influence of this or that Planet, but you must not imagine He can give Check to them *All*; He may deal with one, be it  $\delta$  it self; He cannot oppose an *Army*: When they are indifferently inclined, he grudgeth the Moist effect. He can crumble a Showr into a Drizzle, or Dust it into a Fog, &c. But when they are in a heightened elevated Estate, He is so far from Moderating, that he Aggravates the Effect; so a Good Horseman; by a seasonable Check, preserves his Beast from stumbling; and in a greater Hazard, where he cannot recover that Stumble, his own Weight adds to his Fall. We met with some few Flouds under  $\mu$  and  $\varphi$ , and some under  $\mu$  and  $\delta$ , and more; now, under  $\mu$  with  $\delta$ . All we can conclude hence, is, that this later Aspect is more apt to excess of Rain, than the two former, which must be granted, as by his Prerogative above  $\varphi$  and  $\delta$ . But a truly Moist Influence conduceth to a *kindly*, as well as a *Violent* Moisture; as in  $\delta$  and  $\varphi$ ,  $\varphi$  and  $\delta$ ,  $\odot$  and  $\varphi$ , &c. is manifest. The Objection 't'le assure you, is no surprize; for I always observ'd it, that  $\mu$  is the only Planet of a Singular Speculation; where he cannot prevail, he doth as the rest; and being a Superiour, adds no small Weight to the Production. I call a *Monstrous Position*, such as First, is not Transitory, but lasting, and that, of tedious, *extraordinary*, unmeasurable Length. Secondly, I call that Monstrous, which within the term of its duration, mixes and incorporates it self with Aspects of the same Excess and Fury. On the First account all the Superiour Aspects are concerned, because of their *long* duration, from whence it comes to pass, that whensoever the Inferiours, suppose, are set for extraordinary Rain, *They* being not expired, fall in with the rest, and where they light, they fall heavily. On the second account, which is the next notion (for Monstrosity oft-times is founded in Mixture) we find our present Aspect, of it self not so furious, for excess of Wet, but where he is mixed with Configurations of  $\delta$ , of as great Inclination. So in those *Monumental* Flouds at *Basil*, viz. 1529. an  $\odot$  of  $\mu$  and  $\delta$ , not *Solitary*, but *mixt*;  $\delta$  opposing  $\varphi$  as well as  $\mu$ ,  $\mu$  conjoined with  $\varphi$  as well as opposing  $\delta$ : In that of *Zeland*, Nov. 1532. there's  $\delta$  concerned with  $\varphi$ , and  $\delta$  again with  $\varphi$ . See p. 250. Add a 3d. at *Marpurg*, Jan. 10. 1551. There's  $\delta$  and  $\varphi$ , the Flouding Aspect, as well as  $\mu$  & the Provoking. Again; 1566. April 23. at *Brussels*, ye shall find a mixture of



h and ♂, on ♂'s part; and ♀ and ♀, on ♀'s part. To add no more that at *Languedoc*, Sept. 10. 1557. Ye shall find a Commixture of h and ♂ with our Aspect. And what if they be not mingled? If they be contemporary, 'tis the same Case. This I call the publick Capacity of an Aspect. The Power reaches further when he is joined, as it were, in *Commixtion* with another, *Grande* (for of them we only treat now, then when they act by themselves.

*Lightning, Thunder, 4 ♂, Ignita Met.*

§ 45. *Anno*

1526. April 20. Lightning fired Magazin in *Helvetia*, *Lyc.* ♂ 21. ♂, 24. ♀.

1528. Jan. 17. ad 21. At *Apalachen* in the *West-Indies*, Tempest of Thunder, threw down Trees, *Purch.* 3. p. 1502. ♂ 13. ♂, 28. ♀.

1531. Dec. 16. Frightful Tempest of Lightning and Thunder, *Carew de Variol.* 271. ♀ 25. ♂, m 17. ♀. Add h ♀ Stat. II 2.

1537. May 26. *Heydelberg* Magazin fired with Lightning, *Lyc.* ♂ 9. ♀, 13. ♂.

1547. Sept. 8. In the Province of *Guatimala*, a Town of that Name wholly overthrown by Lightning; *Linschot.* Here's a Mixture, ♀ opposing ♂ in × m, and ⊙ joined with ♂ Partile ♂ in m 24.

1548. June 4. *Tonitru cum vehemente Imbre.* Dec. ♀ 9. ♂, 15. ♀. Mixture here also.

July 7. *Lorvain*, Ho. 4. Ton. *Ingens*, Id. ♀ 19. ♀, ♂ 1. ♂. Add h oppos. ⊙ ♀ in ♂.

1551. Jan. 13. In many places of *Germany*, such Rain, Thunder and Lightning, as if *Dooms-day*, in the Peoples fears, were approaching, *Lyc.* II 21. ♀, 28. ♂. &c.

1558. Sept. 1. Tempest of Thunder, *Gem.* I. p. 31. ♂ 23, m 4. 2 ♂. Yea, ♂ 4 ♀ Partile, with other Mixture.

1569. July 15. *Fulmen, grando pugno Equalis*, *Gem.* 2, 84. II 19. ♂, v 5. ♀, □ h ♀.

1575. July 30. Lightning Hartnful, Hailstones 7 Inches, *Hows*, 608: ♂ 27. ♀, ♂ 9. ♂. Add ♂ 15. ⊙.

1577. Aug. 4. Sunday 9m. at *Bliborow* in *Suffolk*, Lightning rent the Church Wall, scorching several,

slaying 20 Persons, so at *Bungey*, from *Norwich* 9 Miles, *Hows* 612. ♂ 24. ♂, m 16. ♀.

1580. July 17. Showr and Thunder, *Pet's Voyage*, *Hakl.* 2 5. ♀, ♂ 10. ♂.

1598. March. 26. Great Lightning, Thunder, Hail, still Cold, *Hakl. Coles. How*, 1302. II 12. ♀, ♂ 10. ♂.

1602. June 30. *Sandwich* in *Kent*, Lightning and Hailstones, 7 Inches about, lay a Foot deep on the Ground, *Hows*, 812. = 2. ♂, 12. ♀.

1609. March 13. *Venti Pluvia Tonitrua per, biduum Arthuf.* ♂ 13. ♀, 18. ♂.

1610. Shifting of Tides, Thunder with Rain, *Gildrey*, p. 99. II 10. ♀, v o. ♂.

1616. July 6. St. N. Rain, Lightning, Thunder, *Schouten*, *Purch.* I. 103. 2 21. ♀, II 42. ♂, with 2 Mixture of II 20. ♀.

21. *Vesp.* much Rain, Thunder and Lightning, 2 19. ♀, II 16. ♂. in. Lat. 1. deg. 13.

30. Thunder, Lightning, so that the Ship shook, and seem'd to be on Fire, with a Showr of Rain, never the like, id. 2 19. ♀, II 22. ♂.

Aug. 8. N. L. 4. Rain hard with Thunder and Lightning, 2 18. ♀, 28. ♂.

1617. April 24. *Astus*, Ton. *Pluit*, *Kepl.* m 1. ♀, ♂ 26. ♂, Stat. h ⊙ in ♂.

30. *Tonuit*, *Kepl.* m 1. ♀, 2 ♂ 27. ♂ Stat.

Dec. 15. *Ventus valid.* *Tonuit*, v 25: ♂, m 5. ♀.

1619. July 21. A Person struck dumb and Lame, with a Flash of Lightning, *Purch.* p. 659. ♀ 12. ♀. = 10. ♂, ♀ in Trop. Stat.

Part

## Part 2.

1621. March 31. & die seq. Nervosa  
grando & tonuit, Kepl. 23. 4,  
m 21. 8.  
April 14. Tonitru Pluvia, 26.  
4, m 18. 8, with a Mixture of  
2 with the Pleiades.  
20. Large pluit, Tonuit, Kepl. 8 opp.  
4 and 2 with a Mixture of 0.  
22. Gelidum pluit, Tonuit. 4 8 ut sup.  
July 22. Frigus pertonuit tot. die. m  
21. 4, 10. 8.  
29. Tempest, grand. fulmen. m 21.  
4, 8 14. 8.  
1627. July 1, 8, 9, 10, 12, 16, 17, 18, 19,  
21, 22. Lightning, Thunder, m 21.  
8, v 7. 8.  
Aug. 3. Tonitru.  
10. Tempestas horrida, m 22. 4, 8  
21. 8.  
Sept. 9. Nisse in Silesia, Turris ful-  
mina tacta & Calvis. m 26. 4,  
II 3. 8.  
Dec. 18. Praga, Fulmina, 21. 4,  
2 17. 8.  
1628. April 13. Stella magna, Kepl.  
v 3. 4, 8 8. 8.  
April 23, 24. Tonitrua, so at Norim-  
berg, v 2. 4, 8 14. 8.  
9. Hatford in Berkshire, Great Th.  
and Noises, sometimes a retreat.  
Hows, 1043. v 3. 4, 8 6. 8.  
28. Fulgura, so at Norimberg, v 2.  
4, 8 17. 8.  
30. Thunder at Norimberg, idem.  
May 16. Venti, Frigus, fulgura, v 6.  
4, 8 27. 8, with a nearer  
mixture of 2 8 15.  
Dec. 22. Calum ardens, so at Norim-  
berg, 2 23. 8, v 14. 4.  
1629. Febr. 27. Tonuit, so at Norim-  
berg, v 28. 4, 8 14. 8, with  
2 8 16.  
Sept. 12. Virga Calum ardens, so at  
Norimberg, v 27. 4, 8 2. 8.  
Octob. 1. Stella magna, Kepl. v 27.  
4, 8 11. 8.  
June 5. Thunder and Storms, Kyr.  
8 22. 8, 8 12. 4.  
17, 19. Lightning and Thunder,  
8 12. 8, m 4. 4.  
5. Rain and Thunder, 8 12. 4, m  
4. 8.
- July 3, 8, 10, 14, 16, 18, 24. usque  
30. cum  
Aug. 1. Thunder. 8 in 8 and m.  
1631. May 14, 18, 19, 25. Thunder.  
June 1. Thunder, with a Mixture  
of h and 8.  
July 24, 31. Thunder, with a mix-  
ture of h and 8.  
Aug. 11, 17, 19. N. Thund.  
Octob. 6. Lightning, 28. 4. m 2.  
8.  
1637. Jan. 25. Storm, Wind, Snow,  
Rainy, Thunder.  
1639. April 6. Thunder.  
May 9. Blite, 21. Blite.  
1640. Jan. 24. Terrible Storm of  
Lightning.  
April 2, 4. Meteor, Thunder.  
16. Schlossen. Donner.  
25. Thunder, Rain, Kyr.  
Jan. 8. Basil, Lightning.  
Febr. 6. Lightning, Basil.  
Febr. 23, 25. Thunder.  
March 15, 16, 31. }  
April 1. } Thunder.  
May 4. }  
1641. June 10, 19. Lyc. Donner.  
20. Rain throughout, with Thun-  
der.  
July 2, 3, 21. Thunder.  
25, 28, 30. Lightning.  
Aug. 6. Thunder.  
1644. Jan. 16. Schlossen.  
27. Thunder and Schlossen.  
28, 29, 30. Thunder.  
July 1, 2, 3, 5, 17, 18, 19. Thunder.  
20. Lightning at n.  
22, 30. Thunder.  
Aug. 1, 7. Thunder.  
16. Thunder.  
29. Thunder.  
30. Lightning, Thunder.  
31. Great Thunder and Rain.  
Sept. 3, 4. Thunder.  
20. Lightning.  
21. Lightning at Night.  
22, 23, 24, 25. Thunder.  
1646. Aug. 8. Thunder.  
16, 17. Stark Thunder.  
1648. Dec. 25. Much Lightning, Hail.  
1650. April 29. Formidable Thunder  
near Leicester.  
1651. Aug. 22. Memorable Thunder  
and Lightn. at Worcester, yea most  
part of England, m 20. 8, 2 2. 4.  
P 5 9 46. What

§ 46. What if I should let this Table take its Fate, and shift for it self presuming that no man can be so fast asleep, who will not awake at such a Peal of Thunder, so thick, so continued. For when A° 1621. our second Part, or Diary, takes place, unless in the years reserved for  $\bar{h}$  and  $\bar{\lambda}$ , there is scarce a year wanting, which answers not  $\delta$  and  $\bar{\lambda}$ , both which we have termed *Violent*. All the Superiours may be well met for *Moderation*; They know not *what it is*, when *Rampant*; *Enpassant*, They are quiet enough. *Tonitru Ingens*, July 7. 1548. Great Lightning, May 26. 1537. *Tonitrua multa*, June 1. & c. 16. 17. 1627. and All day long, July 22. 1621. and A° 1644.—Not with Flash only, or Noise, but with harm at *Prague*, for that *Kepler* means by *Fulmina*, Dec. 18. 1627. for 'tis not *Tonuit*, nor *Fulgura*, nor *Tonitru*; that Learned Man is Distinct. If the Reader shall consult the place, he will see more by the Neighbour *Ventus horribilis*, throughout *Bohemia*, which roots up Trees, and tears down Houses, which is nothing but a *Dark Lightning*, the Violence of Fire wrap't up in Winds, which Notion, time was, I admired in *Fromond*; but since I see *Aristotle* himself owns the Cognation, He may be applauded for it. You have the like Instance here, June 17. 1528. and more you shall meet, April 20. 1526. May 26. 1547. Sept. 9. 1627.

§ 47. We read of Lightning ran upon the Ground in the *Mosaic* Records. It may glister afar off, and, it may be too near us, to embrace us, to lick us into our Dissolution; such Lightning, where the Ship shakes, and seems to be on Fire, July 30. 1616. And such Lightning that strikes a Mortal Man dumb, and *Lame*, July 21. 1619. which is a Mercy; compared to those who are *Slain Outright*. Aug. 4. 1577. Lightning accompanied with Hail, here 7 Inches about. July 30. 1575. Hailstones 7 Inches about. June 30. 1602. Lightning as if *Dooms-day* were coming. June 13. 1551. Nay, where it *is come*, I should think, at *Guatimala* (as of old at *Sodom*) where the whole Town was destroyed, and 120 even *Christian* Inhabitants, A° 1547. These are the Angels of God; the *Dead-doing* Aspects of Heaven, the Watch-Word and Sign given when Vengeance takes place; the Armies Celestial of which *Dominus Zebaoth* is Lord, who terrifies us, not with Noise only, of Canon or Drum, April 9. 1628. but with Fire and Sword; and Arrows from the Celestial Artillery.

§ 48. All the harm 'tis like is not remembred, see the boldness, the frequency and familiarity of the Visit, view 1627, 1628. 1629. 'Tis *Germany* indeed, but by *Keplers* leave, we have said, *Germany* never heard Thunder but from the Canon of an Aspect; See then again, 1640. 1641. see and admire, 1644. All *Summer* long it Thunder'd, sometimes 3. sometimes 4 days together; and where was our Aspect all these 4 Months, even at the breach of the Canon. No man shall deny it, but he who scorns to be convinced. So we proceed to Comets

§ 49. That Comets have Planetary Original; we have said, appears from hence, that they are found commonly under a Conflux of Planets in the same Sign, III. or more. Secondly, That they are found at the time when the Planets *Halt*, that is to say, when they are *Retrograde* or *Stationary*; in particular  $\bar{\gamma}$ , who is the greatest *Cripple*. 3ly. Under Aspects of Planets, especially *Superiour*, we are engaged only to the Later; but for the Readers more abundant Confirmation, we may have leave to note the rest as they concur.

§ 50. The year 1618. saith *Ricciolus*, beside several *Flaming* Appearances, presents the World with 3 or 4 Comets. Now I take it, we need go no further for Evidence; because no less than 3 of the 4 fall under the Aspect of  $\bar{\lambda}$  and  $\bar{\delta}$ . The First, we confess, do's not belong to us; for we are not so injurious as to grasp all. The Second, whatever it was, Comet



Comet or Meteor, seen by *Shickard* in *Wittenberg*, *Octob.* 10, 20. or at *Colen*, by *Ursin*, *Octob.* 20, 30. or by others; 'Tis certain we find an  $\delta$   $\mathcal{U}$  and  $\delta$  Partile in  $\mathcal{A}$  and  $\mathcal{M}$ , and therefore not far removed on the days following, from *Nov.* 12, 22. *ad Dec.* 3, 13.  $\approx$  28.  $\mathcal{U}$ ,  $\mathcal{M}$  9.  $\delta$ , 11 degr. distant. The Third, which is call'd THE Comet, known by our Fore-Fathers in *England* by the Death of Queen *Ann*, that followed, began when  $\mathcal{U}$  was in  $\mathcal{M}$  21. and  $\delta$  entering into  $\mathcal{K}$ . This lasting to *Jan.* 10, 20. And does not our  $\delta$  of  $\mathcal{U}$  and  $\delta$  then expire? Comets that usually begin at a *Quincunx*, may expire at a *Quincunx*. Will you know further? I say that this Comet depended upon  $\mathcal{U}$  and  $\delta$ , you may see by its Retrograde motion; for beginning with  $\mathcal{M}$ , it never rested till it came to  $\mathcal{M}$ , which was about the 10, 20. of *Dec.* by *Ricciolus* his Table: To  $\mathcal{A}$  and  $\mathcal{B}$  'tis true, in *Jan.* but that is upon new supplies. Or, if you'll say, that's a Pre-tence; then, I pray, mark this; that on the very last day, *viz.* *Jan.* 1, 11. 1619. of its apparition, our Aspect of  $\mathcal{U}$  and  $\delta$  is expired. Now for that of 1664. see  $\mathcal{h}$  and  $\mathcal{U}$ . Let us view them further from the following Table.

§ 51. For the First, *A°* 1531. from the beginning of  $\mathcal{A}$ , directing his Course to  $\mathcal{A}$ , his Northern Latitude decreasing leads us to assign the time of their Conception and Expiration. it began *Aug.* 6. But is not  $\mathcal{B}$  the immediate Sign before  $\mathcal{A}$  possess the Comet-Founder? and Are not  $\mathcal{A}$  and  $\mathcal{M}$  alike prepared;  $\odot$   $\mathcal{F}$   $\mathcal{F}$  are all together there. But mark the Aspect to which the Comet hastens, our  $\mathcal{U}$  Congress with  $\delta$  in  $\mathcal{A}$ , which about the time of Extinction were in a Partile; and Does not this agree to what we have plainly said?

§ 52. I have nothing to say to the shape of this, or 'tother Comet, which is pretended to be That of a *Dragon*. We leave that to the excellent *Hevelius*'s Industry; 'tis plain 'twas of no long continuance. There's little else said of it. A small Comet,  $\mathcal{U}$   $\odot$  and  $\mathcal{F}$  help to blow it up; but nothing could have been done, had not  $\delta$  been a Signs distance before them.

§ 53. That of *A°* 1557. in the Month of *October*, while  $\delta$  was in  $\mathcal{Z}$  the first 11 days, began in the nick of our Partile  $\delta$ ; and appeared in the very Sign  $\mathcal{Z}$ , where, I fancy, when one Sign is possess'd with Planets on one side in  $\mathcal{M}$ , and our supposed Planets on the Tropick of  $\mathcal{V}$  on the other side, there's room for a Comet to appear in the middle, and dance, as it were, in a Ring, whilst his Progenitors stand and look on.

§ 54. The next of 1621. is rightly reterr'd by Observers of those times to a  $\delta$  of  $\mathcal{U}$   $\mathcal{F}$  and  $\mathcal{F}$ ; nor could they avoid it, seeing those Aspects ply at the very day for the Next Fare. Nature writes plain, sometimes, to encourage us to study her *East-hand*. It continued 18 days, even to *Bartholomew-tide*, and appeared in  $\mathcal{V}$ , (for when others say  $\mathcal{M}$ , I fear a mistake of the Character) and there's reason for it; but because we have not any certainty of the Measure, the duration prolonged by some beyond *Aug.* 24. I won't shoot one uncertain Arrow to find another. Now, this Comet is a Planetary Original, *i. e.* with the Fixed, because it appeared under *Coma Berenices*, which is a due distance from its Progenitors,  $\delta$  and  $\odot$  in  $\mathcal{A}$ , and  $\mathcal{U}$  opposing.

§ 55. The Famous Comet of 1577. *Nov.* 2. lasted 3 Months, it begins with a Partile Aspect of  $\mathcal{U}$  and  $\mathcal{F}$ , but  $\delta$  and  $\mathcal{U}$  are within Terms of the first Month, and therefore according to our Method claims Title to the Comet. If  $\delta$  had not been in  $\mathcal{A}$ , with the other two; the Ternary had failed, and the same Sign had not bin possess'd. We have said that a Conjunctional Comet lasts not long; That Rule hath its Limitation, unless the Planets concerned be *Superiours*, and unless, 2ly. there be equivalent Supplies; among which I reckon  $\mathcal{F}$  Stationary for two Months, &c. for

I wont reckon a  $\square$  of  $h$  and  $\mu$ ; least then it may be found to belong to the next. All that I shall ramblingly note here, that this is the Comet which *Tycho* observed cast its Train on the *averse* side, directly from  $\varphi$  rather than the  $\odot$ ; but *Tycho* durst not believe his own Eyes, for the Length of the Cometical Train, could not (saith he) proceed from  $\varphi$ , and without question he was there in the right; but How came  $\delta$  to be overlook'd, and, Doe's not he grow toward a  $\delta$  with  $\varphi$ ; doe's not that alter the Case? When the Comet was a Month Old,  $\delta$  and  $\varphi$  were in  $\delta$ . Comets are most diligently decypher'd by this Learned Age in the Geometrical way (where again I applaud *Hewelius*) Yet, may be there would be as much Fruit, if the Astrological way were not wholly neglected. Again, if it appeared at the beginning of  $\nu$ ; was it not of Planetary Descent, when  $h$  was thereat that Instant? Did it not expire just where  $h$  and  $\varphi$  came to a Partile Aspect?

§ 56. For that of 1578. They give this account of it, that it was seen at *ho. 9.* of the Night, with a long Train toward the North, and the two lesser Comets followed it, with some other Meteors, but quickly vanishing. They give us no account of the Sign, much less the degree where this Comet appeared, or how long it lasted; If our Ancestor had been so kind, — it had been no harm. I spake lately of Astrological Confidence, this Comet appeared, it seems, to the *South-East* at 9 at Night; then let any man see whether it was not lodg'd in  $\pi$ , and it so, first our Planetary Original is evident, for the  $\odot$  with his  $\varphi$  and  $\varphi$  newly entred  $\pi$ ; do beget their Like in the Opposite Sign, but they could not be so fruitful, till our Aspect entred, and being Stationary near the Equinox, I must not say with our Author, that  $\gamma$  was in  $\delta$  with  $\mu$  at that hour; but I avow the Influence, yet omit it; for if I should consider even the Lunar Influence, I should never have done.

§ 57. Here before we stir, we have another Aspect of  $\mu$   $\delta$  ready for our Purpose, in the Month of *October* this very year; we are obliged with the day of its rise; where we find  $\delta$  Stationary in the beginning of  $\nu$ , opposing  $\mu$  (to say no more) at the end of  $\pi$ . This Comet is omitted by *Hewelius*, but the diligent *Lubinice* from *Fabricius* and *Echstorm* presents it. This Comet lasts to the years end; Nay, we hear of it in *Jan. 1579.* Now, by my reckoning, our Aspect of  $\mu$   $\delta$  lasts all that while; and for all as I see, expired at the end of the Month, when it came to a Partile  $\varphi$ ; such as these I call *Oppositional* Comets. *Fabricius* tells us it appear'd in the place where the Former vanish'd.

§ 58. The great Comet of 1580. hath (if you be pleased to remember what I have said) as great and Illustrious Original, the  $\odot$  with his  $\varphi$  and  $\varphi$  in  $\pi$  (you see there's no denial of our Principle) with our great Aspect of  $\mu$  and  $\delta$  are great Signs, and last to the 14. *January, Stilo Veneri*, where some say, it ended. The Continuation is not obscure; especially, when  $\mu$  and  $\delta$  are scarce dis-engaged: or if they be, the Comet thereabout expired.

§ 59. The next of 1585. begins with an  $\varphi$  of  $h$   $\odot$ , the Comet appearing opposed to  $\odot$ , consequently near to  $h$ , which is Natures Text hand; so plainly Legible; it lasted about a Month from *Feb. 8.* because of the Aspect in  $\pi$  and  $\gamma$ , &c. but not longer than a Month, because I find not  $\odot$   $\varphi$   $\varphi$ , or any III. in one and the same Sign.

§ 60.  $\Delta^o$  1590. The Comet holds a matter of 12. days. No Planet Retrograde, no concurrence of III. in the same Sign; only Two in  $\nu$ , and One in  $\pi$ , which it seems is not sufficient, except  $\mu$  and  $\delta$  be amongst them.

§ 61.  $\Delta^o$  1595. Three Planets are getting into  $\alpha$ , and that is pretty well

well, with our Aspect of  $\mu$  and  $\delta$ , the Comet ending by that time they came together to the Partile  $\delta$ .

§ 61.  $\Delta^o$  1607. A Comet of about 50 days duration, an opposal,  $\mu$  &  $\delta$  began it, but enheartned by our Opposition of  $\mu$  and  $\delta$ ; nor do's a Partile & fail a Comet, if on the Equinoctial Point  $\gamma$ , as Potent as a Platique.

§ 62. We have a New Star also to be ascribed to this Radiation, that it may not be out-done by the precedent Aspect of  $\mu$  &  $\delta$ , viz. That of *Octob.* 1604. in *Serpentarius*; of which *Kepler*, among others, wrote a Discourse. Nor do I so much as doubt in the least the Truth of this Affignation. For have we not seen a great one, That of 1572. relating to a Planetary Congress? But that which makes me the bolder is, that I have Friends to back me, so that if we run the Risque of a Censure, we shall not suffer alone; for *Thuanus* delivers, that it was the general perswasion of all who look'd upward, *Quod in Conjunctione Jovis & Martis, II. Kalend. Octob. contingit hoc Phenomenon accensum, &c.* and *Thuanus* had more Wit than to gainsay it. Only to avoid repetition, we must not discourse of it here, but desire it may be demur'd to the greatest and last Aspect of  $\mu$  and  $\delta$ .

A Summary of the Comets of  $\mu$  and  $\delta$ .

- |  |   |
|--|---|
| <p>§ 63. 1531. Aug. 6. ad Sept. 3. <math>\gamma</math> 27. <math>\delta</math>, <math>\approx</math> 20. <math>\mu</math>. <i>Ricciolus Milichius</i>, described by <i>Appian</i>.</p> <p>1541. Aug. 21. <math>\delta</math> 8. <math>\delta</math>, <math>\approx</math> 9. <math>\mu</math>, 14. <math>\delta</math>. Cometa in forma Draconis, Cauda longa ignea, Ecstom, Lubien.</p> <p>1557. Mense <i>Octob</i> in Signe <math>\epsilon</math>, circa <math>\mu</math> &amp; <math>\delta</math> in fine <math>\epsilon</math>, aut <math>\gamma</math> prime. si conjectura detur locus.</p> <p>1558. Aug. 6. ad 24. in <math>\delta</math> accensus, <math>\approx</math> 8. <math>\mu</math>, <math>\delta</math> 6. <math>\delta</math>.</p> <p>1577. Nov. 9. <i>Europæ</i>. Nov. 1. <i>Pervia</i>, Styl. Vet. <math>\approx</math> 4. <math>\mu</math>, 24. <math>\delta</math>.</p> <p>1578. May 16. <math>\gamma</math> 7. <math>\delta</math>, <math>\approx</math> 2. <math>\mu</math>. hor. 9. post occasum Solis. <i>Octob.</i> mense, in fronte <i>Pegasi</i> iterum visus est Cometa obscurus atque pallidus, <math>\gamma</math> 2. <math>\delta</math>, <math>\approx</math> 22. <math>\mu</math>.</p> <p>1580. <i>Octob.</i> 21. ad Jan. 14. <math>\epsilon</math> 11. <math>\mu</math>, II 15. <math>\delta</math>.</p> <p>1585. <i>Octob.</i> 18. ad Nov. 5. <math>\epsilon</math> 8. <math>\delta</math>, II 10. <math>\mu</math>.</p> <p>1590. A Febr. 23. Styl. Vet. ad March 6. <i>Hevelius</i>, <math>\approx</math> 14. <math>\mu</math>, 18. <math>\delta</math>.</p> <p>1597. Ante Jul. 16. ad Aug. 9. <math>\delta</math> 24. <math>\delta</math>, II 9. <math>\mu</math>.</p> | <p>1607. Sept. 15. St. Vet. ad Nov. 5. <math>\gamma</math> 4. <math>\mu</math>, <math>\approx</math> 12. <math>\delta</math>.</p> <p>1609. May 19. <math>\delta</math> 10. <math>\delta</math>, II. <math>\mu</math>.</p> <p>1618. Cometa primus, Aug. 25. ad Sept. 5. Cometa altera, <i>Octob.</i> 10. ad 20. <math>\approx</math> 28. <math>\mu</math>, <math>\approx</math> 8. <math>\delta</math>, <i>Kepler</i>, <i>Ricciolus</i>. <i>Draco volans, per caput Andromeda</i>, <i>Schickard apud Ricciolum</i>.</p> <p>Cometa tertius, Nov. 12, 22. ad Dec. 3, 13. <math>\approx</math> 28. <math>\mu</math>, <math>\approx</math> 9. <math>\delta</math>.</p> <p>Nov. 1. <i>Ignem Meteor. incurvatum</i>, die 7, 17. <i>Spira</i>, Cometa visus <i>Walbank</i>.</p> <p>Cometa quartus, a Nov. 14, 24. ad Jan. 14, 24. <math>\approx</math> 29. <math>\mu</math>, <math>\approx</math> 10. <math>\delta</math>.</p> <p>1664. Dec. 4. per 3. menses, <i>Hevelius</i>, vide sub <math>\mu</math> &amp; <math>\delta</math>.</p> <p>Dec. 9. Comet 6 m. S E, almost as big as big as the <math>\delta</math>; angry and terrible. Nor could all my <i>Epicurean</i> Principles applyed to my fancy perswade me to the contrary, <math>\delta</math> &amp; <math>\mu</math>, vide sub <math>\mu</math> &amp; <math>\delta</math>.</p> <p>1681. News of a Comet in <i>Lithuania</i>, Dec. 8. <math>\approx</math> <math>\mu</math> &amp; <math>\delta</math>. Vide etiam sub <math>\mu</math> &amp; <math>\delta</math>.</p> |
|--|---|

§ 64. Now it will be time to turn the Scenes from Admiration to Fear; or admire still, if our Aspect be of an Earth-Shaking Spirit, and it seems so, for we have at hand a Table of Earth-movings as Copious as need to be; I have not bespoke the Aspect at the time of the Concussion; nor have I by an Engine, or *Helmont's* Spirit Infernal mov'd the Earth at the time of



the Configuration: I have only studied part of Natures Alphabet, and made a shift to put the Letters together, and interpret by History.

§ 65. We begin with the last Century.

1500. *Vesuvius Flagrat ardente Cometa, Ricciolus*; ♀ and ♂ are found in July; ♀ and ♂ in Aug and Sept.

1577. June 26. *Nordling in Germany* Saw the Ruin of 2000 Houses by T. M. and Hurricane, *Lyc.* ♀ and ♂ in a joyned with as great Movents viz. ♀ opp. ☉ ♀ ♀ in Trop.

1530. At *Cubagua, Sept. 1.* The Sea rose 4 Fathoms from its ordinary Course. The Earth did open in many places, whereout sprung much Salt Water as black as Ink, &c. Many Houses fell, *Purch.* III. 868. ♀ ☉ in ♌. Yea, ♀ and ♂ on each side the Equator.

1531. *Lisbon* in the Month of Febr. You heard of before in ♀ ♂, but in July 13. ♂ came again, *Mizald. Lyc.* There (I promise you) an ♀ ♀ and ♂ in ♍ and ♌.

1538. *Italy* shook for 15 days, ♀ and ♂ were entred already in March, and at a competent distance, such as makes Work in the Earth, besides other Aspects.

1537. Mount *Aetna* flamed, said *Frischius*, who heard the news. *Lycosthenes* puts it the year before, April 1. and tells us that all the Country near the *Puteoli*, were so haras'd, that there was scarce a House standing. *Agricola* is certain for March 23. *Lib. de Fossil.* IV. 20. We have no Aspect for his year of 1536. but for 37. when *Aetna* burnt still, we have ♀ and ♂ in Power April, May, and June throughout. But stay, No Aspect for March 23. 1536. Yet ♀ and ♂; I was going to say a Cardinal ♀; pardon the absurdity, 'Tis better than nothing.

1540. T. M. in *Germania, Dec. 14.* *Lyc.* Many Houses shaken. It haps at the Winter Tropic, and therefore ☉ and ♀ in ♍ oppos. ♀ in ♍ must be allowed; and then the next is our Asp. ♀ ♀ and ♂ in ♌ ad gr. 20. dist.

1551. Jan. 28. *Lisbon.* A fatal day, for beside terrible Meteors and Rain of Bloud, saith *Fryschius*, an Earthquake beat down 200 Houses, and kill'd 1000 persons; ♂ returns Retrograde to joyn with ♀ at the end of ♐. Other places suffer this Month by Tempests and Inundations. *Violences seldom come alone.* Add the Hill *Pocatepec*, whose Mouth or Grater was half a League over; this Hill had not emitted any thing for 10 years before, *Purch.* III. 1124. Also at *Guixos*, 70 houses were sunk, *Purch.* II. 1695. See the content of the parts of the World! Some years more discernible than others. Wisely noted by *Thuanus* before.

1556. April 10. *Constantinople*, T. M. threw down many Towers; and the Church of *Santa Sophia*; of a Truth ♀ and ♂ are just entred on their Aspect, ♂ 3. ♀, 2 3. ♂.

1570. They say *Ferraria* in Italy had fits of shaking for two years together, *From.* In the former of these years, viz. the present, I have an ♀ of ♀ and ♂ from the end of Febr. to the midst of June, ♂ going Retrograde on purpose to oppose ♀, and when that expires, a ♂ of ♀ and ♂ begins; These two Aspects we have told you are unquiet when they meet.

1571. The second of these unquiet years we meet with an Earthquake of our own, at *Kinaston* in *Hertsfordshire*, Feb. 17. *Stow*, 668. ♀ ♀ 1. ♂ 17. the midst of ♌ ☉ also in the beginning of the Sign, ♀ and ♀ at the end. Our Aspect alone do's not effect it, nor is it done without it.

1571. Nov. 1. At *Venice*, thence to *Florence*, thence to *Gortray* in *Gallia Togata*, destroying that City, once the finest in Italy, *Thuanus*; ♀ and ♂ in ♌ and ♍, in the middle. See elsewhere for this year in the life of S. *Michael*, (A. 1591.) *Purch.*

1581. *Anago* a Village of *Peru*, was ruin'd thus, a great part thereof was raised up, and carryed away, many of the *Indians* smothered, and that which seems incredible, the Earth that was ruined did run and slide upon the Land, as if it had been Water or melted Wax, which I, by the way, note for *St. Peter's* sake, who mention the melting of the *Elements*? But the Month is not specified; all we can say is this, if this direful Calamity was inflicted on these Sorcerers and Idolaters (for such they are noted.) In the first half year we shew God's Celestial Scourge in our Aspect, the saddest critical place of Heaven, viz. its Tropical Purlieus.
1586. July 9. June 29. T. M. in the *Ciudad Real* the Royal City in the *West Indies*, which run 170 Leagues along the Coast, and overthwart in the *Sierra*, 50 Leagues, it ruin'd a great part of the City, the Sea ran two Leagues into the Land, rising above 14 Fathom. *Acosta*, *Fromond*. & *Purch.* lii. 941. Let the Reader be judge of our Superstition, our Aspect now is in  $\delta$  of the Tropical Heights, as before it was in  $\phi$ . Believe this when you see that the same,  $\mu$  and  $\delta$  at the same year, caused an Earthquake, and a dire one too; for all the City fell, and some People slain at *Guatemala*, *Purch.* iii. 929. even on Dec. 23.
1586. At the chief Town in *Java* Major, situate near a burning hill, says *Dr. Heylin*. This year the Hill brake forth exceedingly, oppressed infinite numbers of men, and cast great Stones into the City for 3 days together. But now  $\delta$  is got in a Cardinal  $\square$  to  $\mu$ . Are Squares also (by the way) of such Power? Ask our Famous *Carvendish* whether within three Months after he felt not another Earthquake; (how did the Shore tremble when he felt the concussion at *Sea*?) Lat. 33. on March 22, *Hakl.* p. 810. at what time  $\mu$

- $\delta$  were not far from the  $\square$ , a Cardinal  $\square$ . But we must not meddle with *Quadrates*, much less with *Trines*, (as but now.) Only let the Reader see how vast are the Inlets of a Due Astrology.
1591. In the Isle of *St. Michael*, *Purchas* p. 1677. we meet with an Earthquake which lasted a Fortnight, from July 26. ad Aug. 12. It belongs to  $\mu$  and  $\delta$ , as plain as Nature can write, being opposed in Tropical Aspect; but information sends us back to such another Earthquake falling 20 years ago; which if it happened in the last Quarter of the year, we will find sureties to make it good for Planets opposing  $\times$  and  $\pi$ , see *d*° 1571. before. But if it happened about July and Aug. we have a Cardinal  $\square$  between  $\mu$  and  $\delta$ , which helps us beyond expectation.
1606. At *Bantam*, Octob. 13. About Midnight an Earthquake very terrible for the time, *Purch.* i. 385.  $\mu$   $\delta$  in  $\nu$ ,  $\mu$   $\delta$  entring on  $\delta$ . I must not say *Well met*.
1606. Dec. 13. At *Bantam*, about Midnight, T. M. *Purch.* i. 385.  $\delta$  in *fin.*  $\infty$ .
1609. April 2. *St. N.* Near *Teraltas* in the *East-Indies*, a Rock burning in the Sea, always smoaking, *Verhucf.* apud *Purch.* i. 717.  $\delta$  17.  $\mu$ ,  $\pi$  1.  $\delta$ .
- May 3. *St. N.* Great T. M. at *Nera*, not unusual (in those parts) the day before the *Dutch* built their Castle there, *Purch.* i. 717.  $\delta$  24.  $\mu$ ,  $\pi$  21.  $\delta$ .
1610. June 1, 11. *Hecla* casting out Fire, *Purch.* 817. All the Planets engaged;  $\mu$  and  $\delta$  not in  $\delta$  or  $\phi$ , but in Cardinal  $\square$ .
1616. July 29. *St. N.* Under the Line we had an Earthquake which made our men run out of their Cabins, our Ship seeming as to strike against the ground, when, casting out our Lead, we found none, *Schouten's* Voyage about the World, *Purch.* i, 105. the  $\phi$  is almost Partile in the Tropical Height. Die

Die 7. St. N. A high hill casting Fire and Flame from the top thereof, not far from Guinea, Purch. 1. 103. 7 21. 4, 11 6. 8, which Aspect is complicated with 2 also. Mark whether this is the third or fourth time of this Aspect in its Rampant Height.

1618. March 12. If it be St. N. 8 and 4 are engaged.

1619. January 29. Near Franckford ad Manum. It belongs to 4 and 2, their Congress in 8; but 4 and 8 are engaged to charge one the other in the Entry of their Opposal. Again, at Ratiskone, T. M. sub obscure animadversus, m 6. 8, 8 12. 4.

May 13, 21. In the upper Burgundia and Alsatia. Kepler agrees with us here, imputing it to a repeated 8 of 4 and 8 Annot. ad Mensur. He is in the right, although his Printer mistakes 12 for 4. In the right, I say, for if I find one Aspect lasting a Twelvemonth upon the Matter, as this doth, I will find it with monstrous Effects. For behold a Third T. M. Aug. 20, 30. near the Mein and the Rhine, but the next Aspect enters a Caveat.

1625. Dec. the 18. at Norimberg, 8 10. 8, 25. 4.

1626. At Worms, (Kyr.) Feb. 1. see here the same Aspect produces two Earthquakes; in Dec. at one place, in Jan. at another. Febr. 6. 16. Una Rupium lacui Gamundensi imminentium fundis in contraria discedere visa est, Kepler. It was believed, he says, to portend the Seditions of the Boors which followed that Omen: we speak not to that now, but we hope that the Reader will suspect with us, that the 8 of 4 and 8 portended the Earthquake.

1627. July 20, 30. After Thunder and Lightning in Germany at least for 8 days, after an Eclipse of the 1, to make them remember, An horrible Earthquake, destroyed several Towns in poor Apulia,

where Kepler discovers no Celestial Cause, and I fancy no Causes but Celestial, for the Subterranean Fires are but the matter on which our Causes operate. Let any one that cares for an Ephemeris, mark whether 12 is not posited at the end of 12. I hope that Celestial cause may be proved from the foregoing Chapter of the Saturnine Earthquakes. Mark, secondly, whether the 1 dont oppose him at the entrance of 8, that little Cause is not ridiculous: but to say no more, let him mark whether 4 be not Stationary in m 21. and 8 opposed in 8 9. Now m 21. is not far from m 24. Say no more.

Nov. 14. St. Vet. Norimberg, T. M. Kyr. 8 28. 8, 7 9. 4: The truth is, 8 opp. 4 9 2; he penetrates not into the Aspect, that thinks it only brought a little fair Weather at the beginning of the Month. Here is a double Earthquake again this year, before this Aspect has taken its leave.

1628. A Fame of an Earthquake, Jan. 9. Keph. 8 and 4 lye at this distance, 8 24. 8, 8 22. 4. I can scarce forbear giving my Judgement, why I think the report was true, there need no great studying the point for 7 22. and 8 24. tis but looking wisely on their Faces, and when you meet them, you'll know them again.

1632. October 8. at Naples, 4 8 24. 8 m 27. quere in 12 8 4.

1640. April 14. Mechlin, Terra motus, 8 4 8 Helmont.

1645. Jan. 19. Norimberg, T. M. with Thunder, Snow, Kyr. 8 21. 4, 11 17. 8; so at Poitiers, in France, T. M. with a horrid Tempest. Memoires Ludovici XII.

1650. Vesuv. burns, Transact. 968. if happens in March, April or May, our Aspect will answer it.

1665. Near Oxford, Jan. 19. Transact. p. 166. 4 8 in 12, see 8 12 4.

1668. Sept. 3. Caribeesles } 8 4 8 11 2  
29. In France.



1669. May 12. *Vesuvius* cast out Smoke, *Saunderson*,  $\delta$   $\mu$   $\delta$  in II.

1676. Febr. 3. *Colepit Fires*, *Transact*  $\mu$  and  $\delta$  in V.

1670. At *Kenebunch* in the Province of *Main*, a piece of Clay Ground thrown up by a mineral Vapour over the Tops of high Oaks into the River, stopping its passage, the hole 40 yards Square, wherein were thousands of Clay Bullets as big as Musket Ball, and

pieces of Clay like Musket Barrel. So at *Cosco* one and twenty miles off; and Fish in some ponds thrown up dead upon the banks. A wonderful number of Herrings cast up at high Water on black point harbour for a mile together. *Josselin*.  $\mu$   $\delta$  in Tropical signs.  $\delta$  retrograde till *Autumn*. then comes an  $\rho$  of  $\eta$   $\mu$   $\delta$  besides a  $\delta$  of  $\eta$   $\delta$  in  $\times$ .

§ 66. We have not been all the way Sollicitous of the Circumstances of T. M. we cannot brook a Frightful Story that is over long; Our Spirits droop, and our Blood runs into *Serum* with no vivid Colour in it. Frights we know, dispossess some, of their Wits; They disturb the most obdurate Heart; Who can hearken with Pleasure to the Doleful Note of the Screech Owl? Yet I could not pass over some dire Circumstances, which usually appear upon the Stage when the *Cacodemon* enters. 'Tis enough we have noted it before, to shew their conjunct dependance on the Heavens.

§ 67. The Cognition also between the Subterranean Fires breaking forth from *Hecla*, or *Vesuvius* being confess'd, we see no reason but the *Colepit* which the *Transactions* tells us fired on such a day, should be reduced under this Head, and that with probability, not only from the likeness of the *Phænomena*, but the likeness or Identity of the Aspect. Even the Back-Friends to Astrology, we have seen, confess the Heavens have Power on the Mines of *Germany*, &c. I would fain know where they have not. I will not stretch a Text to the Center, which only meant perhaps the Surface. There's nothing hid from the Solar Heat: but when Earthquakes at the *Indies*, run so many leagues, yea, and at home; as the last in *Oxfordshire*; shall run in a Chancel as it were, as far as *Barbary*; the Convulsion must lie deep, and contracted into a less circumference, that it may diffuse it self to the greater.

§ 68. Here we must take notice of one instance supplied from *Van Helmont*.

That *Helmont*, who, under the name of the Schools, makes nothing to run down all Philosophers before him; for that, saith he, no Exhalations, nor Vapor, nor Sulphurous Spirit hath any thing to do in the Earthquake; but only some Fiend or *Cacodemon* is employ'd by Commission from Heaven. Now the *Vesuvii* and the *Ætna*, the several *Vulcans* flaming round about the World, and the indisputable affinity between the Earthquake and the monstrous Eruption, which the Schools teach, might have kept Him to rights. For 'tis not any Levity, or a Wind enclosed, but a vast Nitro-Sulphure-

ous Spirit, of incomprehensible Force; that striving within her womb discomposes the Earth. To this he presently comes upon us and asks us, *First*, Is there a vein of Sulfur, &c. throughout the whole Low Countries; for all *Holland* Trembled, and *Flanders* to boot. I answer, there may be, for all that he knows. *Agricola* persuades that the *Subterranean* Fires are as copious, especially in Maritime places, where Earthquakes mostly appear; and this is witnessed by Sulphureous Stench, which hath been observ'd, wherever the Vapour gets vent. Yea, as

some have deliver'd, a dis-colouring of the Air, as it were, by sulphurous Fumes. Nay, 'tis beyond, [*as it were*] for wherefore do the poor Birds fall to the Earth? But that being taken giddy by such suffocating Steams. *2dly.* He cannot intend sulfur refin'd, and depurate; then by his own Principles he must allow Sulfur to be every where, in every compound Body, or in their *Matrices*, the places where they take their being. Every Peble is constituted of so many Grains of Sulfur, and our *Castle-Coal*, we see, betrays its constitution by perfect yellow fume; mixed with the darker Soot. Every thing then will melt, hath Sulfur in it, and what will not melt in those all-dissolving Heats of the Subterranean Furnace? The Earth will melt like Wax, and run many a Mile in a fusile constitution, and yet we speak at large, for if it be a *Bitumen* of any kind or color, if it be *Pitch*, if it be *Naptha*, if it be *Coal*, 'tis Sulfur to us, wherever there's Mineral, or hot Baths, or Medicinal Waters, or Metals, or Quarries of Stone, there's Sulfur and Salt, &c. So that 'tis in vain to anatamize the Regions of the Earth to the Centre, and assure us there's no room in the Globe of the Earth, for *He* hath offer'd nothing that I can see why the seat of the Tremor may not be, where he acknowledges the Mineral; for there, before are, Oyls, Sulfurs, Salts, Mercury and Earths, and Juices, and whatsoever wants a name, and one of those impatiently contrary to the other; nor is *He* ignorant of it, but confesses that if the least drop of Water falls upon Metal or *Marchesites* melted, they fly about like mad with incredible Antipathy. Consonantly some Stories say, that in one of our *Hiatus*'s, there was observed Water in the depth of the Cavity, in *Stow*.

He asks, *2dly.* why the Concussion is so transient, quickly past, tho'

it returns by fits. Oh, to that I say, that the Planetary Positures, as they require Critical places, so they watch their Critical Hours. Did not this T.M. happen at Midnight?

He asks, *3dly.* why the Earthquake in 1640. and that of three-score years before happened both, in *April*. I could ask him why his Angel or Devil chuses to scare us That Month, Yet we say that the *Spring* is the time of the year; and seeing it happened that there were but 12 days difference between that of 1580. *April the 6th.* (the time that I believe *Mechlin* trembled, as all *England* did) and 1640; It manifestly shews that these Earthquakes come under the Philosophical Rules. He asks *4ly.* what extraordinary heat was found there; to shake the Earth at those precise times, which was not found in the Intermediate years, adding, that, that night was a very cold night, with a Chill North-Wind, and much Snow the day before. How? say I, doth a *Chymist* call for a sensible Heat to all wondrous Operations? Nothing more against his own Experience, who tells us in one place of his fellow-Travellers Shoulder burnt by the Suns imperceptible Heat as he passed over the *Alps*, as plainly as if he had been stung by *Cantharides*, and teaches us in another, 1 ounce of *Sal amniac* mingl'd with 4 ounces of *Aqua Fortis* shall break the glass presently; and how? but by an invisible Exhalation. And what great heat there is in the Ingredients separate, *He* knows best. An Exhalation, you see, by his own Confession, can make a strong glass fly in pieces. But I answer, the Schools call it *Heat*, they should say *Influence*, or his own *Gas*, which takes place in cold Weather as well as Hot. As we see and feel oft-times the Influence of the Heavens operate upon our Bodies, while that Heat is not discerned by our Senses. There may be Communication.

nication between *Homogeneals*, Fire and Fire, *Ætherial* and *Subterranean*, when there may be no Communications between Fire and Earth; I mean our Corporeal Organs. Yea, I come closer to the matter, and say that Planetary Warmth in a remiss degree, as in Weak and Calmer Earthquakes, may actuate Cold, as well as encourage the Grosser Warmth, may stir the Nitrous Spirit, as, well as enflame the Sulfury Particle; for it is necessary (that's more than probable) that all such *immane* Violence must be founded upon those *Hostilities* of Nature, which we call *Antipathy*. When we are agreed about this, then I'll point at the Influence with my Finger, and shew him our *Æthereal* Heat in  $\delta$  of  $\eta$  and  $\delta$  at the first Earthquake, and a  $\delta$  of  $\mu$  and  $\delta$  at the Second. And these Aspects in Critical places, which do not occur every year. 'Tis well if they meet in 12, in 30, and even then, if they want any one requisite, the Effect is blank. We grant him, that the final Cause of the T. M. is the awe of the Divine Menace. And upon this account whatever others think, I value our Theory, being engag'd in matters of so ponderous concern. But we do not think that the Divine Power acts *immediately* in those Effects which are *Periodical*, and

have their Revolutions, though they be strange. We dare not grant the Creation so imperfect, that the Divine Power which made the Universe, acts as much *without* a created instrument, as *with* it.

But this 'tis, for Wise Men to lay aside the consideration of the Noblest Parts of the Universe, so overlooking and setting at nought those Wonders of the *Æther*, the Fixed Stars and Planets, to run higher into Heaven, or lower into Hell, to borrow Angelical Spirits from thence, to make up the Planetary account; thereby creating to themselves, fantastick Articles of Religion or Philosophy, to avoid Superstition falsely so called.

1668. Sept. 3. T. M. in the *Caribbee* Islands,  $\rho$  in  $\pi$  and  $\tau$ .

Die 29. T. M. in *France*; a single Earthquake won't serve our turn, Aspects  $\tau$  28.  $\delta$ ,  $\pi$  11:  $\mu$ .

1676. Febr. 3. News of a Cole-Pit taking Fire, *Transact*. What will my curious Reader say, if he finds a  $\delta$  of  $\mu$  and  $\delta$  here? We have no *Vesuvius*, Heaven be thanked; yet Causes hit strangely to their pretended effects.

1681. T. M. in the County of *Gleace* with a Comet in *Lituania* two days before. And now we come unwillingly to

#### Diseases unders $\mu$ and $\delta$ .

Anno 1500. In the *Saturnine* Table, the Century begins with the Pestilence in H. VII. time; and the Aspect of  $\eta$  and  $\delta$  is truly noted, but not perfectly. For *September*, thereabouts the Pestilence rages most, that brings an  $\rho$   $\mu$   $\delta$  with other help, even in the Extremity of  $\kappa$  and  $\pi$ . *Polydor. Virg.* sets this Pest at 1499. Nor doth the contrary appear from *Stow*. Our account is however that it fell in 1500. and without all question, whatever the precedent year might be, 1500 was Pestilential. See the Table of  $\eta$   $\delta$ .

1506. Sweating Sickness in *London* the Second time. Not so violent; as  $\rho$  1485. the I. of K. *Henry VI.* For  $\eta$  you have heard: Add  $\mu$   $\delta$  in  $\pi$ , no better Sign.

1508. Pestilence, *Dimerbr. p.* 156.  $\eta$  and  $\delta$  in *July*.  $\mu$   $\delta$  lye in wait *August* and *September*.



1511. Pestil. ex Fracastorio, *Dimerbr.* 89. nothing of ☿, but ♃ and ☽ in ♈ and ♎, July, Aug. Sept.

1517. Sweating Sickneſs from Aug. 1. to Michaelmas, IV. in ♍, of which ♃ and ☽ are two of them. The Winter Plague that followed, ſee in ☿.

1522. Cruel Peſtilence in Rome, Germany, & ☿ begins in July in ♍ and ♎.

1527. At Rome. For Aſpect, &c. ♃ ☽ in Tropical Signs.

1528. Sweating Sickneſs reigning; the Term was adjourn'd Jan. 17. to Mich. Many dyed at Court, Stow. ♃ and ☽ on each ſide of the Summer Tropick, in the Month of July, In ♎, &c. ♈ Nothing plainer; hardly find an innocent year. If the Superiours are found in ♎ in July, they are after found in ♈.

1529. This English Plague was found in Germany alſo, this following year; the Whip is much the ſame twiſt. ♃ ☽ oppos'd in Aug. &c.

1538. The Cruel Peſtilence mention'd by Paracellus; brought ☿ with it, but I fear it made not haſt away in the Declenſion of the year, becauſe of ♃ ☽ Tropical oppos'd in Sept. Octob. at leaſt.

1544. Peſtilence at Conſtantinople, Kirch. ♃ and ☽ in ♍, entred in, ☽ in Aug. though I refer it to the next of the Superiours.

1548. The Mortality in London, ſub Edw. VI. Stow, ♃ ☽ in ♍, not ſeparated 30 gr. till Aug. med.

1551. Whatſoever we have ſaid of ☿, certain it is, it began at Shrewsbury, April 15. that ♃ ☽ are on either ſide of the Summer Tropick, and within Terms. Now it began at London, as ſaith Stow, July 12. &c. there's a ☽ of our ♃ and ♀, a Secondary ☽, when in ſlow motion entring, as we ſhall note elſewhere. Yea, there's a ſalute of ☿ ♃, All naught.

1558. Negay in Ruſſia. Never the like Plague there, Hahl. 348. ♃ ☽ in ♈. July, Aug. Sept. London, Quartan Ague, Stow. All to the ſame Aſpect, with Aſſiſtance.

1566. A Turbulent Plague in Italy, ſaid Kircher, where we conſider that the ☿ ♃ ☽ was ſcarce expired in Junii principio, and a ☽ of a Secondary ☽ in July and Aug. This is not the firſt time, and therefore we ſing our Miſerere again.

1567. A Dry and Peſtilential time at Lovain, to the miſt of July, from May; ☿ ♃ ☽ even to the miſt of July.

1569. Peſtilence in London; adjourned Michaelmas term to Nov. 3. and thence to Hilary next year, Stow. Not ♃ and ☽ only, but ♃ ☽ were entred in ☿ Tropical in July. *Digitus Dei* is plain with another Finger, ☐ ☿ ♃, July.

1571. Febres Funetiſſima, Dyſenteria, ♃ and ☽ end of Aug. oppoſes ☽ ♀ in ♋ ♍; but beſides, they would not be ſo rampant, had not ☽ entred before the laſt act, even in September.

1576. Dire Peſt at Venice, Padua, from May to Jan. of 60000. *Untzar e Foreſto* ☿ within Terms of one the other in ♍. Where, I beg, that ☽'s Motion may be trac'd, 'tis ſlower than ☿, as we have elſewhere noted; but it laſted till the beginning of the Subſequent year. Doth not ♃ and ☽ come in at Octob. to back ☿ and ☽ on the Stage.

1578. At Liſbon, within the ſpace of 2 years, 7000 dyed. *Untzer, e Linſchot*. We need not conjure for ☿ ♃ ☽, and that in Signs Equinoctial, for they are up above ground, Partile ☿, July; in ♋.

1580. Epidemic Diſtemper, by a Catarrh with Cough all Europe over, *Calviſ*. By a particular account know it came into Italy in June; to Rome in July; to Venice, Conſtantinople in Auguſt, to Germany, Hungary in September, to Pomerania in October, to Denmark and Sweden in November. Here our Principle deſires it may be conſider'd, whether, firſt, ♃ had not a hand

a hand in All this ; for as for Sicily, we find  $\phi$   $\mu$   $\varphi$ , which, when  $\varphi$  is slow-motion'd, we may call it  $\phi$   $\mu$   $\delta$ , and that in Tropic Signs ; As to Rome's part, we find  $\mu$  opposed to  $\odot$   $\varphi$   $\varphi$  ; according to our reckoning ; then  $\mu$   $\delta$  entering on an  $\phi$ . As to Venice and Constantinople, we find our  $\phi$  rampant,  $\mu$  and  $\delta$  in  $\pi$  and  $\iota$ . In September, right rampant the same Aspect ; nay, the same Company holds. Pray consult the *Ephemeris*, even for October, November, December. Oh, that Evidence so clear, so wonderful, hath not been discover'd heretofore ;  $\mu$   $\delta$  in  $\phi$ , through the faltring Motion of  $\delta$ , all those Months, October, Nov. Dec. besides some Months preceding. That we may learn to look up, and laying aside our Coy Prejudices, may confess Nature to be stupendious, and this being acknowledged, to make a right use of it.

1581. *Novus Morb. Lunabergensis, Dimerbrock*,  $\phi$   $\mu$   $\delta$  Tropical in April and May which dispos'd, at least, the Body to admit the Influence.

1586. S. Domingo, Calenture, 700 dyed, Drakes last Voyage, *Purch. Vol. 4. p. 1182*.  $\mu$   $\delta$  in  $\pi$ , June, July, August.

1593. Belongs to  $\phi$   $h$   $\mu$ , but——

1594. When the Plague was not ceased quite, the Total though being under a Thousand, to the  $\phi$   $h$   $\mu$ , comes in at June, an  $\phi$   $\mu$   $\delta$  in the same Signs.

1597. June, Sickness on the English Fly-Boats, in the Voyage to the Azores, *Purch.*  $\mu$   $\delta$  in  $\varphi$  R.

1599. Beside the  $\phi$   $h$   $\delta$ , we have an unlucky Concourse of  $\square$   $h$   $\mu$  in Card. Signs.

1604. London, Total 896. Parishes infected, 96.  $\delta$   $h$   $\mu$   $\iota$ , cum  $\delta$  in  $\iota$  mense Septembris.

1606. In  $h$   $\delta$  we cannot deny but they are join'd in  $\varphi$ , and October, the Highest week of that year : but withall, as to our Principle,  $\delta$  enters into the same Sign ; I mean into the distance of gr. 33. but a Fortnight after ; on which account this very later end of October, shews 100 of the Plague, though in Nov. it slept, because  $h$   $\delta$  are even unning'd.

1607. We have said before of this year, and the Month of June, how  $h$   $\delta$  were domineering there, but note, that June this year was not to be compared to September and October, where  $\mu$   $\delta$  are opposed in Equinoctial Signs, and the Totals, though the Plague be moderate, is three to one. Now what Live Coal is it which continues the Pestilence, from Nov. 1: the preceding year, where  $h$   $\delta$  fell off, to the Spring of this Instant year ? What but our Aspect of  $\mu$   $\delta$ , which held 4 Months, to bring that along thither through the Winter Months, of November, Dec. Jan. Febr. when Serpents themselves can scarce sting. Any further we do not enlarge.

1609.  $h$   $\delta$  grasp all ; but hath  $\mu$   $\delta$  nothing in this year ? Yes ; as much as the 4 first Months come to: They are but Winter Months but we speak of a glowing Coal in Winter, an  $\phi$   $\mu$   $\delta$  in Febr. 18. on which every Week by some means or other, secondary Agents, the Total appears 40. in the Plague, Mr. Bell's Account.

1610. Now if the Pestilence continues as to our fore-cited Account, till this year be expired, all of a piece with the former ; our Aspect takes place in Dec. past, and Jan. and Febr. of this instant ; and that in Tropical Signs. We find, 'tis true, no Master-Pestilence, but the Total is higher in that very January under  $\mu$   $\delta$ , than in April under  $h$  and  $\delta$ .

1617. At Rome and Naples a Murraïn of Cattle, *Kirch. § 1. Cap. 9. h*  $\mu$  all along, and  $\mu$   $\delta$  in March, April, May. In June, July, August, September, I confess, 'tis  $\mu$   $\varphi$  and  $\varphi$ , which by their Pace seem to be  $\delta$ 's Substitutes, according as we have hinted before, though in Sept. October,  $h$   $\delta$  inches in, and they will challenge those Seasons. 'Tis between them, and

Writ as I say in Capital Letters, to those who read the Alphabet of Nature; and is to much purpose taken into our consideration, because there is some Affinity between the make of the Bodies of *Brutes*, and *us*: wherefore there must be some Affinity in our Maladies. Sure I am, that *Kircher* notes a death of Infants at the same time.

1618. Plague at *Norway*, saith *C. Grant*, and sickly year in *England*. For the Spring and Summer, *May*, *June*, *July*, we have own'd,  $\hbar$  & before. For *August*, we have  $\mathfrak{u}$  opposing  $\odot$  &  $\varphi$ , which will do no good when  $\delta$  lies perdieu, for an opposal in  $\infty$  and  $\mathfrak{u}$  in the following Months.

1619. At *Grand Cairo* 72500 swept away in X Weeks, *C. Grant*. A Dismal Effect of a dire Cause; for I have learn'd to tremble at the Aspects of the Superiours, as they may be set high or low: Now suppose as *Story* saith, that the Plague with them in *Egypt* ceases when the Sun enters into  $\mathfrak{u}$ . 'Tis a Secret, but I observe our  $\phi$   $\mathfrak{u}$   $\delta$  was, *dire* and high-set above 10 Weeks before the  $\odot$ 's entrance into  $\mathfrak{u}$ . *Dire*, I say, and high set, in flow, but sure Motions, and *Equinoctial* Signs.

1620. Sickly *England*, *C. Grant*. The Astrologer Answers, if the Spring were Sickly, you have  $\mathfrak{u}$  and  $\delta$  in *Equinoctial*  $\vee$ ; if the Summer, we have noted before.

1622. Another, *Grant*, in *New England*, Capt. *Smith*,  $\hbar$   $\mathfrak{u}$   $\delta$ .

1625. For this 1625. we must consult  $\hbar$   $\mathfrak{u}$ , yet we can scarce honestly refer you thither, without wrong to  $\mathfrak{u}$   $\delta$ ; the Weekly Bill will inform us; *Buryed* (saith the Bill) of all Diseases, 5205. the Highest Week, ending *Aug.* 18. and where are our Planets? Read and Judge. On *Aug.* 18. One of our destroyers is in  $\infty$  3. and the other in  $\vee$  1. They differ 2 degrees from Diametrical Opposition; and that in the commanding part of Heaven, the *Circulus Maxemius*, which we have often call'd the Equator or Equinoctial Circle, and is famous with us Superstitious People for Remarks of Nature. Here I note, and forget not that this was the 2d Instance which convinc'd me.

1627. At *Amsterdam*, *Grant*; the  $\phi$   $\hbar$  is acknowledged in its proper Table; which tells us of another Superiour joyn'd with  $\delta$  this year, and that is  $\mathfrak{u}$ , in *August* we know its  $\phi$  in  $\infty$  and  $\mathfrak{m}$ .—'Tis easie by the way, to note *Amsterdam* to be none of the best Air in the World, because of its frequent Infections: The Truth is, no Town or City seated near the Brackish Waters of the Sea, can be pure, and agreeable. For the Air must have its ill disposition from the Waters, as the one not Potable, so the other not Potable also, for the Lungs and Spirits do draw as well as the Stomach; I would it were as easie for Them to observe the Aspect of the Superiour Planets, that they may be cautious under them, and learn to fear, not the Planets, but the Divine Rod, which, *will we, nil we*, hangs over Populous Cities.

1630. Some Pestilence at *London* and at *Cambridge*, above 1000. dyed that year; if the *Saturnine* Aspect with  $\delta$  in the former Table comes to close in the year, viz. in *Sept.* 27. as it doth not, then see how you will like our  $\phi$  in *July* and *August*, in  $\infty$   $\mathfrak{m}$ . This is clear, that the Highest Week in *July* 29. was nearer our *Jovial*, than the *Saturnine* Aspect.

1636. We find it in our other Table, but withall we find  $\mathfrak{u}$  in the highest, which is within 3 gr. of  $\varphi$ . But what is that to  $\delta$ ? Yes,  $\varphi$  Stationary is *Tantamount*: a new lesson at first, but now an old one.

1637. Some little Pestiferous year; 3000 in all; the highest Week was *June* 29. near the Aspect of  $\hbar$ , we would deal impartially; yet nothing hinders, but we may note withal  $\square$   $\mathfrak{u}$   $\delta$  in Cardinal Signs.

1641. Is found in  $\hbar$  before; but as the year exhibits an Aspect of  $\hbar$  in *August*, it premises an Aspect of  $\mathfrak{u}$  with  $\delta$  in *July*'s beginning; and what



what time it increaſed 5 in the Total, and 50 Pariſhes more infected. 'Tis true, the height appeared not, [703] till Sept. 2. at what time we find  $\delta$  h  $\delta$  at large; or, which is as Potent, h and  $\eta$ , when  $\eta$  is Retrograde. Yea,  $\delta$   $\eta$   $\delta$  exact in the beginning of  $\alpha$  and  $\omega$ , whoſe Influence we cannot as yet diſcourſe of.

1644. A little Viſitation, not much above a 1000 Total, the higheſt Week ended Octob. 3.  $\delta$   $\eta$   $\delta$  receded in  $\pi$ , and was not expired at the Height of the Diſtemper.

1646. We noted the  $\delta$  of h to have endured till the end of July, or the firſt Week in Auguſt; and then we pretended another Aſpect of the Superiours entred; That's our preſent Aſpect, where I flatter my ſelf that 'tis not unworthy conſideration, that whereas the one Aſpect, according to us, ſeems expired, Aug. 4. the other, this of  $\eta$  and  $\delta$  enters about Aug. 13. ſo careful are the Heavenly Hoſt in their Watches, to relieve one another when in a State of Hoſtility toward us. In the higheſt week, Sept. 2. then, beſure,  $\eta$   $\delta$  are within Terms; alſo note his  $\delta$  with  $\eta$  would be ſcarce Innocent. But this is not all; To ſee that our Aſpect will be owned, as we have more then once obſerved: the Aſpect which entred about the middle of Aug. runs through  $\omega$   $\alpha$ , and falls not till almoſt Auguſt enters again, connecting the Peſtilences of thoſe years, and twiſting them into one Thrid; (though the Winter perhaps, be a little more Slender, and the Aſtival more Cable-like) in my mind, who Plead for co-exiſtence of Cauſes with Effects; This is conſiderable, others may enjoy their Principles; where I, poor Groſſe-Teſt, can find no Footing. Alas! Who can walk upon the Water?

1649. Sickly London, Graunt,  $\delta$   $\eta$   $\delta$  in July, &c. That is too pat. I liſt not to ſpeak of the Peſt at Amſterdam, and Harlem, becauſe they fall not under any Aſpect of the Superiours. For, as conſiderable as they are, they do not exhaust all the Doctrine of the Cauſes of Peſtilence over-head; They are to be produc'd in a Planetary Tract rather. Only this agrees and ſuits with what is before deliver'd, that on September the 27th. which proved the Higheſt Week, we can point out one that is guilty, and ſcarce flies for the ſame. A  $\square$ , though not  $\delta$   $\eta$   $\delta$ .

1658. Sickly City in London, Grant. I want the Weekly account here, and perhaps there is no need of it,  $\eta$   $\delta$  together in  $\omega$  at the beginning of Summer, which leaſt they ſhould cool, in June and July are renewed by a deputy Congreſs of  $\eta$  inſtead of  $\delta$ .  $\eta$  Stationary or Retr. we have ſaid, is as Maleſique as any  $\delta$  of them all.

1661. In h's Table it may be objected that the Bill did not ſtart up in to 500. &c. till h and  $\delta$  were expired: be it ſo. But have we not ſaid even now, that  $\eta$  Stationary is equivalent to  $\delta$ , and that is entred upon a  $\delta$  with  $\eta$  before the Start, and laſts till  $\delta$  h  $\delta$  comes in at October, who are met in  $\pi$ . But that  $\delta$  is innocent in compariſon of what we advance,  $\delta$   $\eta$   $\delta$  Stationary in  $\omega$ , the higheſt Week, whoſe Total was 600. Aug. 27. under the ſaid  $\delta$   $\eta$   $\delta$  Stationary.

1665. There remains A° 1665. A 100000 Perſons: more it may be than are born in a years time throughout England. (I am not pleaſed with Aug. 1690. nor perhaps July 91. nor May, &c. 92. but I hope London will never taſt the like.) There were Councils of War, and Parties, and Ambuſhes, and Retreats; 'tis a wonder to ſee the Military Diſcipline. There were h  $\eta$  in Tropic,  $\phi$  in May. There was h and  $\eta$  in the ſame  $\phi$ . There we had h oppoſing  $\eta$   $\eta$  both Stationary in June. Do you hear, or underſtand our Terms? There was h  $\eta$  oppoſing  $\eta$   $\eta$  ſtill Stationary in July, where h got into Oppoſition with  $\delta$ , and now the Thouſands are blown up into a ſwelling Total;  $\eta$   $\delta$  inflames the Mortality Bill to 7000. when

when ♀ 4 ♂ mingles, which begins, according to us, in the midst of *Aug.* In *September* 4 ♂ with ♀ holds up the Malignity. And Oh unhappy, but too true observation, at the time of the ♀ think you, the Bill was at highest, after it pleas'd God it decreas'd. And

How many think you? Even 1800. in the next Week, because the Aspect after the Congress is *Weaker* in the *Recess* than in the *Access*, as in other cases hath bin said, but the succeeding Week proved not so; the measure of abatement was not *half* the former Sum, to shew, it is not the *Declension* of the Sun only, or the Time of the year in general, for then it would have abated in Proportion; but 'tis some other more particular disposition of that Woful year 1665. Howbeit in the midst of *October*, it remitted by 1800 again, in ♀ though still; yet upon leaving the *Æstival* Sign ♌, (which Signs *Æstival* are the *Life* of the *Death*, the *Vigour* and *Sting*, next to *Sin*,) is the cause of all: Here I observed, that if it had abated a 1000, per week by *Novembers* midst, there should have been but two hundred, or say 3. or 460 Funerals; but in the midst of *Nov.* we find 1300. and the following 900. because, in my opinion, the Aspect was not disengaged till that time; Then it was, and lo! the Week was content with a pretty reasonable and ordinary Sum of 500 and odd. To them be it, who make ill use of these Discourses, who can believe a Prime Cause, and yet admit no second, or will not Worship him, unless he acts by Miracle. No man seems to magnifie the Deity, more than an *Enthusiast*; but the Sober Principle resisting no Light, Loves and fears God as He is; and as he shews himself, not ridiculous either to Christians, or Heathens.

Thus doth the Pestilence walk in *Darkness*, the Sickness destroys; at the noon day, קטר & דבר, Not two Evil Angels, as the *Talmudists*, yea the *Chaldee Paraphrase*, *Septuagint* consenting, but the Striking Influence, *Diurnal*, *Nocturnal*. Those Arrows from Heaven that fly by Day, and Those Mortal surprizes that ensnare us by Night; whence the *Psalms* is called a Song of Evil Occurrents; for as the Prime Cause makes his Sun to Shine on the Just and the Unjust; so he makes his Planets and Fixed Stars to burn us where he pleaseth. For no body tells us that in Contagious Diseases, *Nights* are more easily passed than the days; the Celestial Influence, being equal, as in the Chafme, Motion of the Seas, Tempests and Earthquakes is apparent. Where upon I was apt to think that Those *Hebrew* Doctors, for their imperfect Notices of things, increased by a glimpse perhaps of the *Wasting Spirit* in the Word there used, might construe it of *Spirits* which was to be interpreted of *Influences*. So I say that whatsoever Truth there may be in the *Jewish* Glosses of That and other Places in Holy Writ, seeing it owns a Destroying Angel, and Evil Angels are more busie, not only in Temptations, but also Ministerial Executions of Wrath, I must, whatsoever becomes of Tempests, not be engaged to discharge our Influences. The year 1665. was generally noted for a Dry, Misty year; if the Influences caused that Constitution, they had a hand in the Malady.

Currents under ♀ and ♂.

§ 69. For Currents, &c. I am aware that I may seem like a Horse used to the Road, and cannot get out; but when I consider that I do hereby advance a Stock toward the Discovery of the Cause, whether Celestial, or no; I shall find some Mitigation of Censure. Here we have but a few to trouble the Reader, as—

1609. *Febr.* 19. High Water at *London-Bridge*, when it should have been Dead Low. *Childrey*, p. 95. & 10. ♂, 11. ♀.

1616. Aug. 7. Calm, and strong Current,  $\tau$  18.  $\mathcal{U}$ ,  $\mathfrak{S}$  4.  $\delta$ .  $\delta$   $\mathfrak{S}$   $\mathfrak{S}$ .  
 1618. Dec. 19. Great Current fell, the Admiral in danger of Ship-  
 wrack,  $\tau$  4.  $\mathcal{U}$ ,  $\mathfrak{S}$  2.  $\delta$ .  $\delta$   $\odot$   $\mathfrak{S}$ .  $\square$   $\mathfrak{h}$   $\mathcal{U}$ .  
 1620. March 5. A Current,  $\mathcal{V}$  13.  $\delta$ , 19.  $\mathcal{U}$ .  
 May the 8. A Current,  $\mathfrak{S}$  4.  $\mathcal{U}$ , 19.  $\delta$ . —  $\delta$   $\odot$   $\mathfrak{S}$ .  
 1635. Octob. the 8th. a Current,  $\mathfrak{S}$  28.  $\mathcal{U}$ ,  $\mathfrak{W}$  4.  $\delta$ . III. in  $\mathfrak{S}$ .  
 Octob. 27. A Current,  $\mathfrak{W}$  1.  $\mathcal{U}$ , 15.  $\delta$ .  
 1648. Dec. 18. Currents. *Monconys*,  $\mathfrak{W}$  14.  $\delta$ ,  $\mathfrak{S}$  8.  $\mathcal{U}$ .

And I do not insist much upon these, as if the Aspect had any eminent Power in the Streams, because I see other Causes nearer the  $\odot$ , and nearer home, to the Earth I mean, that challenge this Province; and whether They, or These do exert remarkable Influences, unless in some places of Heaven posited, is to be enquired: as also, whether among the Superiours,  $\mathfrak{h}$  may not have more Power, though remoter, than  $\mathcal{U}$  in the Motion of Waters? The Seamen use to adjust their reckonings, by allowing for Impediments, wherein, besure, Currents are comprehended; Notwithstanding, I have noted none but where the Current made them speak out; and have none of the Moderation above premised; in the mean time I desire comparison may be made between the two Superiors in the case.

## Parelia.

§ 70. Something is contributed, but other Aspects may be more proper;  $\mathcal{U}$  and  $\mathfrak{S}$  perhaps, may multiply the Images of the  $\odot$  before our present Aspect, because  $\mathfrak{S}$  Pranks it more than  $\delta$  seems to do; howbeit take our few Instances of Parelia with Halo's.

1528. May 16. Halo circa Solem, *Lyc.*  $\pi$  22.  $\delta$ ,  $\mathfrak{S}$  22.  $\mathcal{U}$ .  
 1550. Aug. 11. Norimberg, & alibi, in a fair day, Irides, and other Phenomena, *Lycosth.* 607.  $\pi$  13.  $\delta$ , 26.  $\mathcal{U}$ .  
 1551. Magdeburg, Parafelena seen, with VII. Irides, *Lyc.* 612. at Wittenberg also, described by *Lycosth.* p. 613. 615. *Gem.* 1. p. 194.  $\mathfrak{S}$  5.  $\mathcal{U}$ ;  $\mathfrak{S}$  11.  $\delta$ .  
 1559. Febr. 28. Antwerpia, Tres Soles cum variis atque diversis circulis Visunt, *Lycosth.* 614.  $\pi$  22.  $\mathcal{U}$ ,  $\pi$  3.  $\delta$ .  
 1607. Dec. 13. Iris tot die,  $\mathcal{V}$  22.  $\mathcal{U}$ ,  $\mathfrak{S}$  4.  $\delta$ .  
 1617. May 1. Parelia,  $\mathfrak{W}$  1.  $\mathcal{U}$ ,  $\mathfrak{S}$  27.  $\delta$ .  
 1619. Mense Maii, Tres Soles,  $\mathcal{U}$   $\delta$   $\mathfrak{S}$ .  
 Dec. 13. Iris tot die, *Kepl.*  $\mathcal{V}$  22.  $\delta$ ,  $\mathfrak{S}$  4.  $\mathcal{U}$ .  
 1621. Aug. 18. Halo  $\mathfrak{S}$ ,  $\tau$  0.  $\delta$ ,  $\pi$  22.  $\mathcal{U}$ .  
 1623. Lincii Parelia; *Kepl.* May. 18.  $\mathcal{V}$  16.  $\delta$ ,  $\mathfrak{S}$  26.  $\mathcal{U}$ .  
 May 30. Iris, *K.*  $\mathcal{V}$  16.  $\delta$ ,  $\mathfrak{S}$  28.  $\mathcal{U}$ .  
 Nov. 24. Halo  $\mathfrak{S}$ ; *Kyr.*  $\mathfrak{W}$  0.  $\mathcal{U}$ ,  $\mathfrak{X}$  3.  $\delta$ .  
 1625. July 6. Iris,  $\mathfrak{W}$  25.  $\mathcal{U}$ ,  $\mathfrak{X}$  27.  $\delta$ .  
 Sept. 20. Iris, et clarus Sept.  $\mathfrak{X}$  27.  $\delta$ ,  $\mathfrak{S}$  10.  $\mathcal{U}$ .  
 Octob. 14. Galum Sanguineum, *Kepl.*  
 Dec. 8. Oldenburgi; Parelia, in Coron. Regis Ferdin. 3. die, *Kepl.*  $\mathfrak{S}$  25.  $\mathcal{U}$ ,  $\mathcal{V}$  10.  $\mathcal{U}$ .  
 1627. Octob. 18. Halo Solis, *Kyr.* & *Kepl.*  $\tau$  4.  $\mathcal{U}$ ,  $\pi$  6.  $\delta$ , 15. Iris, *Kepl.*  
 Nov. 12. Halo  $\mathfrak{S}$ , *Kyr.* & *Kepler.*  $\mathfrak{S}$  29.  $\delta$ ,  $\tau$  9.  $\mathcal{U}$ .  
 Dec. 14. Parelia, *Kyr.* in Bavaria,  $\mathfrak{S}$  21.  $\delta$ ,  $\tau$  21.  $\mathcal{U}$ .  
 1628. Jan. 2. Iris, *Kepl.* *Kyr.*  $\mathfrak{S}$  27.  $\delta$ ,  $\tau$  20.  $\mathcal{U}$ .  
 March. 18. Iris, *Kyr.*  $\mathcal{V}$  3.  $\mathcal{U}$ ,  $\mathfrak{S}$  11.  $\delta$ .  
 April 13. Iris, *Kyr.*  $\mathcal{V}$  3.  $\mathcal{U}$ ,  $\mathfrak{S}$  9.  $\delta$ , 25. Iris, *Kepl.* & *Kyr.*  $\mathcal{V}$  2.  $\mathcal{U}$ ,  $\mathfrak{S}$  15.  $\delta$ .  
 May 14. Iris, *Kepl.* & *Kyr.*  $\mathcal{V}$  1.  $\mathcal{U}$ ,  $\mathfrak{S}$  26.  $\delta$ . 23. Iris, *Kyr.*  
 1629. March 24. Halo  $\mathfrak{S}$ . *K.* & *Kyr.*  $\mathfrak{W}$  1.  $\mathcal{U}$ ,  $\mathfrak{X}$  3.  $\delta$ .



1631. March 4. *Iris*, Kyr.  $\vee$  9.  $\mu$ , 21.  $\delta$ .  
 1635. Jan. 14. *Halo*,  $\mu$   $\delta$   $\approx$  29. Partil  $\delta$ .  
 1637. Febr. 9. *Halo*  $\odot$ , Kyr.  $\times$  26.  $\mu$ ,  $\approx$  4.  $\delta$ , 10. *Tres Soles cum Irde*. Kyr.  
 March 2. *Paraselenæ*.  $\approx$  1.  $\mu$ ,  $\vee$  19.  $\delta$ .  
 April 19. *Tres Soles cum Iridd*. Kyr.  $\Delta$  4  $\delta$ .  
 Nov. 13. *Halo*  $\odot$  & *Columnæ*, Kyr.  $\approx$  17.  $\delta$ ,  $\mu$  partile.  
 Dec. 10. *Halo*  $\odot$ ,  $\approx$  25.  $\mu$ , 29.  $\delta$ .  
 Dec. 20. *Halo*  $\odot$ , Kyr.  $m$  2.  $\mu$ . 6.  $\delta$ . 23. *Iris*, Kyr.  
 Febr. 2. *Iris*, Kyr.  $m$  4.  $\mu$ , 15.  $\delta$ .  
 March 18. *Halo*  $\odot$ .  $\approx$  23.  $\mu$ ,  $\vee$  15.  $\delta$ .  
 1640. April 27. *Iris* Matut. Kyr.  $\vee$  7.  $\mu$ ,  $\approx$  5.  $\delta$ .  
 1644. Aug. 17. *Parelia*, Kyr.  $\times$  29.  $\mu$ ,  $\Pi$  9.  $\delta$ .  
 1646. Aug. 25. *Iris*, *Parelia*,  $\otimes$  3.  $\delta$ , 28.  $\mu$ . Aug. 29. *Iris*.  
 1672. May 15. *Halo*  $\odot$ , 10 mane, lasted near an hour  $m$  9.  $\mu$ , 25.  $\vee$   $\delta$ ,  
 § 71. Concerning the *Halo*, the *Iris*, we must not repeat what has been said; we are in the mind still that there's more Pencils go to the draught of such Images, as we shall see in the Cognate Phenomenon of the *Claritas Septentrionalis*, which happening in the Night time, cannot then arise from the  $\odot$  alone. As to the greater appearance of the *Parelia*, and *Paraselenæ*, we have here a considerable number, a *Dodecade* of such Rarities: and such a Number, in spite of fate, proves they have some dependance on the Aspect in hand, however we cast about to make it out. The great *Joseph Scaliger* on *Eusebius*, was engaged by his Argument to give us some Chronological Notes of these Phenomena; but he scarce tells us the Month, much less the Day: A Fault that more are guilty of, besides him, having no Opinion of Celestial Philosophy. We do not trouble our selves here about their signification. *Fromond* modestly takes off *Gemma* for his Vainety in that respect; He proposes perhaps, his own Fancies for standing Rules. They can't well reconcile *Aristotle*, and others, who make the *Parelia* to be the Forerunners of Tempests and Showry Weather, with *Def-Cartes* his opinion before commended of a Solar Reflexion from some Icy Particles, which at that time may hang in the Air. For nothing hinders but that such Particles may hang in a cold clumisie Air, as well as a Sheet of Snow, 'tis certain, floats before 'tis portion'd into Flakes. Secondly, because I well remember that upon the report of three Suns seen at *Oxford* on a certain day before noon, which I neither had hap to see, nor yet to record; I took notice that the morning was cold: Nor does any of these appearances shew themselves at Sea, but under a chill Latitude. So by a good token *Scaliger* tells us that his *Hollanders* saw it in the Latitude of 71. All which sweetly agrees with our Aspect of  $\mu$  and  $\delta$ , which we have owned, and shall farther prove, of a Dry and Cold Energy.

*Claritas Septentrionalis.*

§ 72. The Nocturnal Brightness, whether in the *North* or in the *East*, may deserve to be consider'd; which we have said cannot come from the  $\odot$  alone, but from some new accessions of Light from those Bodies which are as moveable as Torch-Light, sometimes together, sometimes afunder: which though I am assured it springs from a Conflux of Celestials so posited; yet I protest 'tis hard to find such an appearance without our Aspect of  $\mu$  and  $\delta$ .—Days noted in *Keplers* Diary, are—

1625. August 28. September 20.  $\approx$  5.  $\mu$ ,  $\vee$  3.  $\delta$ .

1626. June 16. *Claritas nocturna*.  $m$  0.  $\mu$ ,  $\times$  1.  $\delta$ ,

1628. Dec. 10. ♀ 11. ♀, & 14. ♂.  
Dec. 16. & 18. ♂, ♀ 12. ♀.

1629. Sept. 11. ♀ 27. ♀, ☿ 2. ♂. St.

Octob. 6. ♀ 28. ♀, ☿ 12. ♂. St.

Octob. 19. ♀ 28. ♀, ☿ 14. ♂.

In most of these days we find a Congress of three Planets or more. *Kepler* hath observed that the Clarity used to happen at a ♂ ☿ ♀, and though observing two, he was in a fair way for three, yet he did not deliver it to posterity. ☿ ☿ are 3. Aug. 28. S. V. 1625. Sept. 20. ☿ ♀ and ♀ are 3. 1626. Jan. 16. ☿ ♀ and ♀ are 3. ♀ and ♀'s Latitude being consider'd, not far from one another, 1628. Dec. 10. ☿ ♀ are 3 too, never to be question'd; and one the 16th. the ♀ makes 4. 1629. Octob. 6. ☿ ♀ and ♀ are owned to be in ♂. Nor is the ♀ too far distant on the 10th. day. Sometimes we meet 4. engag'd in two, but more commonly 3. engag'd in one Triple ♂. In all these ♀ and ♂ are concern'd. We meet with one exception, and that is Febr. 25. S. V. 1645. if 2 gr. width can put them out of case. 'Tis not ♀'s Brightness only, no question, but the proportion also that he bears to the rest that are upon the Scene. This will be granted, I hope, that Planets in ☿ ♀ can easily dart up their Light above the Horizon on certain days and hours; and you shall find that this Clarity never comes to pass, but when 2 or 3. if not more, are posited in these Signs, or their Opposites: Yea, and the Months that are above specified do accord. Verily, as to ♀ ♂ I must own that *Kepler* has noted a Splendent Air in the day-time; a Spurious Serenity, as in the Notes of—

September 8. 1624. } Jan. 18. 1626.

January 9. 1626. }

A Brightness of such consistency as bodeeth Wet; this is certain, that the Nocturnal Clarity; among the Country People, is a sign of Rain; and he that pleases to look over the places quoted in *Kepler*, will find it so.

☿ *Pallidus*.

§ 73. When we meet with ☿ *Pallidus* here 9. or 10. times; we may think it is caused by that Influence which ♀ hath upon Mist, which according to the difference of its Density, does represent the ☿ (and the ♀) now red, now pale, as a more Watrish Cloud makes him shine Watry; but They who look nearer into the Diary, and observe how Judicious a Person *Kepler* was, may be apt to think there is something more in it, than a Mist or Fog, when he shall find that Mist is a Stile by it self; and ☿ *Pallidus*, for the most part, by its self: 'Tis true, if this diversity should arise only from the Medium, it were scarce worth the mention; but if there should be at the time a perfect Serenity, it would imply some other Passion of ☿, co-existent perhaps, with that Crassitude of Air, expressed only A° 1617. not elsewhere. Now if it were through a Mist, I say, 'tis a wonder to me that *Kepler* should observe so many Mists in 3 years, A° 1622. 1623. 1624. and never a ☿ *Pallidus* all the time. 'Tis not improbable therefore, but it may be some grudgings of the *Macule* near the Disk of the ☿, together with some disturbance of the Medium, if any such were, nearer to us: Sure I am, that these *Macule Solares* are recorded at, or near the very times where most of these Solar Palenesses are mention'd; and sure I am that ♂ and ♀ in ♂ or ♀, are of strong and stubborn Influence. The ☿ of ♀ and ♂ will make a Mist; a ♂ or ♀ not excluding the Minor Aspects of ☿ with ♀, &c. can do more. The days above specified, are these.

1617. March 3, 4, 5. ☿ *Pallidus*, ♀ 25. ♀, ♀ 21. ♂.

1626. Sept. 18. ♀ 20. ♀, ♀ 3. ♀, ♀ 4. ♂, ♀ 7. ☿, 28. ♀.

Octob.

*Octob.* 13.  $\pi$  25.  $h$ ,  $m$  2.  $\delta$ , 12.  $\mu$ , 4  $\varphi$ , 17.  $\odot$ .

1627. *July* 18.  $m$  21.  $\mu$ , 8.  $\delta$ .

*Octob.* 28.  $\tau$  6.  $\mu$ ,  $\pi$  4.  $\delta$ .

1628. *April* 6.  $\nu$  3.  $\mu$ , 5.  $\delta$ .

*May* 1, 2.  $\nu$  22. 5.  $\delta$ .

*May* 18. 4.  $h$ ,  $\nu$  1.  $\mu$ , 29.  $\delta$ ,  $\pi$  7.  $\odot$ , 17.  $\varphi$ .

*Dec.* 8. 21.  $h$ ,  $\nu$  10.  $\mu$ ,  $\tau$  13.  $\delta$ , 27.  $\odot$ ,  $\nu$  10.  $\varphi$ ;  $m$  10.  $\varphi$ .

*Dec.* 18.  $\nu$  13.  $\mu$ ,  $\tau$  20.  $\delta$ .

1629. *September* 20.  $\nu$  27.  $\mu$ , 6.  $\delta$ .

I do not go about to deny, I say, there may be Mists and Fog in the case, but I surmise also another more intimate Sullage to contribute, tho' perhaps by it Self, except by the curious, *less* observable, By it self, I say, *less* observable, yet in Conjunction with another may *increase* the sickly appearance; So use we to see in a Damp Air and a moistned Eye, a bright Nocturnal Iris about Light in our Chamber. Neither can we let pass the Bloody Hue wherein the  $\odot$  appeared, *Sept.* 29. 1571. throughout a great part of *Germany*, though worth the notice of *Thuanus*, an  $\delta$  of  $\mu$   $\varphi$  fell near the day, *Sept.* 20. but, besides a  $\delta$   $h$   $\varphi$  in a critical place; we have our Aspect of  $\mu$   $\delta$  has taken fast hold,  $\alpha$  22.  $\approx$  24. and we are sure that these Causes assigned have their realty, because other Prodigies also happen about the same time, rationally concluding, that where Nature breaks out into rare Symptoms, there she is diseased.

$\varphi$  74: For the *Macula*, we need not be so punctual to let out their Line, or to take them short, as in Comets; otherwise I would say, that beside distance between  $\varphi$   $\odot$  and  $\varphi$ ; we find  $\mu$  and  $\delta$  opposed at the end of  $\pi$  and  $\tau$  for those Spots which appeared from *Sept.* 26. *S. N. ad Octob.* 6. in the *Rosa Ursina*; and those that succeeded from *Octob.* 5. to the 15. The reason seems to be, because we meet with the *Macula*, when our two Planets were in the critical place of  $\pi$  25.  $\tau$  22. and we hear nothing of all the year before, from *Jan.* to *Sept.* whilst yet the  $\varphi$  was in being most of the time. Another reason may be, because while  $\delta$  receded from the  $\varphi$   $\mu$ ; he applied to  $\varphi$   $h$ , the reason why we have another appearance, *ab Octob.* 25. *S. N. ad 31. A<sup>o</sup> 1622. d May 15. ad 21. Scheiner.* and again, *d 20. ad 26.* I have reason to think, that beside the appearance of Three Planets by the ingress of  $\varphi$ , in  $\varphi$ ; the Vicinity of  $\delta$   $\mu$  did contribute, because on the 20. day there's a new appearance, upon the account (now) of 3 in  $\pi$ , our two Planets, and the  $\odot$ . Another appearance from *June* 10. *ad 14.* We do not without reason impute to  $\mu$  and  $\delta$  joined, amongst the rest, when the Aspect salutes us, *Jun.* 2. *S. N.*

*A<sup>o</sup> 1624. d 13. Sept. ad 26.* We have a  $\delta$   $\mu$   $\delta$  within the term, and they contribute, joined one with the other, as well as  $\varphi$  joined with  $\odot$ , of which  $\delta$   $\odot$   $\varphi$ , I wonder, if *Scheiner* have taken notice; I fear he hath not: but as  $\varphi$  hath bin suspected to have been a *Macula*, so  $\varphi$  may be suspected to cause one; to me 'tis obvious; Certainly on the 17. day,  $\mu$  and  $\delta$  are as near as  $\varphi$  can be, and what Influence may they have in the next appearance from day 22. *ad Octob.* 6. at what time our Planets are but at 8 degrees distance? Verily, They both hold to the next appearance of *Sept.* 28. *ad Octob.* 14.

The next, *A<sup>o</sup> 1625. From Jan. 8. ad 24. S. N.* where 'tis reason to believe upon the former Principles, that  $\varphi$  and  $\varphi$  Stationary both, do help to besmut the  $\odot$ , while  $\mu$  and  $\delta$  are within 10 degrees of  $\varphi$ ; surely when they come within 3 degrees, *June 29.* we hear of other *Maculae*, *Scheiner*, 149. What, that the next Month *July* speaks as plain as Nature can speak to the point. So that now I arrive to some certainty,  $\odot$   $\varphi$   $\varphi$  all in one Sign;  $\varphi$  and  $\varphi$  being Stationary for their parts, Circumstances



stances of Nature which the *Curiosi* are to attend, unless they mean to cut out Work for Philosophy only, and not help to dispatch it; and then our Planet's in a Partile critical ☉. See *Scheiner, Rosa Illyria*, 241. 245. 253. & *alii*. Nay, if yet a following Month of *August* does not consent, let *Scheiner* on one hand be consulted, p. 247. 249. 351. with the *Ephemeris* on the other hand: I might say, I am haunted with the *Phænomena*, and they'll never be laid: no, not in *Sept. Scheiner*, 255. 281. 283. as long as the Charm of the ☉ of ♃ & are within the Equinoctial Circle.

Nay, if they come again, *1626*. for a whole Month of *January*, S. N. and a piece of *Febr.* I shall think there is some virtue in Characters, even a ☉ & ♃ & not being without their Fruit. *Scheiner*, according to report of the curious observer, 341. 345. to quote no more.

So far for *Him*: if *Hevelius* be as lucky. The first in *Octob. 9, 19. 1643.* we meet with a *Macula*; *Hevelius* his Additament to his Comenography, when ☉ was in ☌ ☌, and ♃ opposing both. Is not this hand plain to read? Surely, *1644. July 16, 26.* we meet with a *Macula* when ♀ is Stationary, and ♃ and ☌ are conjoin'd in ☌, within 5 degrees, the ☌ being got into ☌. For She also, she would have you to know, is call'd to the Birth sometimes of these *Phænomena*. One or two Instances more would have done us no harm; but *Hevelius* is weary; and I am not sorry for my Vacation. — Howbeit, for a Farewel, if I yet can take my leave, For more I enquire, the more we are encouraged; as particularly by what he says, that bating the Foul days, he observed the ☉ without any *Macula* or *Facula*, for three Weeks together, which according to us, may well be, for ♀ and ☌ are not always Retrograde; nor do they always throng into a Sign; nor do Aspects of the Superiours always happen; Nor are all Aspects of the like force to this Effect; and whereas he would gladly know when there is any *Macula* appear in Wet and Close Weather; let me also propose it to the Curious, to snatch an Observation now and then, when the ☉ perchance shews it self at times, in a Season otherwise Rainy. For, in my Opinion, though every course of the Solar *Macula* does not mudd the Air, yet, when ever the Air is so muddy, the Solar *Discus* will have a touch, as it were, of the same.

*Prodigious Rain, Sanguinis, Frumenti, &c.*

§ 75. This Head provokes the Smile of the conceited Reader, but a rash Smile shews nothing but Indiscretion. I know not why the Affirmative may not be as confident as the Negative: As far as I see into Nature, 'tis oftner so, than otherwise. The confidence of the Asserter, if it be well grounded, has this proper in it, that it puts the Sceptique into his second thoughts, which the Proverb says, is the way to Wisdom. But if any man denies it, He may please to know he has some Company. There have been other Infidels in the former Age as well as He: Vulgar People (for so it haps that a *Reforming* Sciolist sides with the Ignorant) were afterward convinc'd by their Eye, the only Certificate of the Infidel, and unlearned. If no one shall believe *Mont-gibel* Flames; but they that go to see it, how would the *Turkie* Merchants laugh at them? These Portents are as unquestionable, though not so fixt. Hear what *Gemma* says of the Rain, *Octob. 1572.* five Miles from *Emdden* in *East-Friesland*; *Multi in rei memoriam plenos Cyathos asseruarunt, Gem. 2. p. 105.* So again, *May 15. 1556.* where he notes some that said there was no such matter, but upon enquiry it was found to be true, *Lib. 2. p. 30.* In the former of these it rained Blood for five miles together: besides other Examples we had before under another Configuration. To these, and the like, we may say that there is in the Air, *πυρρὸς μίξις* a mixture of Heterogeneous Seeds or Mites,

though in some places more, and some less, according to their different Tinctures; Now the Resolution of these Mites in some may be more easie, in others more difficult; as a Bloudy Showr suppose, is more easie, than that of Milk; in that the Red Earth may be more resolvable into Minims, than a *White Chalk*, or *Marble*. That which is more easily dissolvable, as in Chymists Operations, is content with a gentle Heat; that which is more difficult, requireth a keener Flame. Now the Aspects differ like the Chymists Fire: wherefore these rare appearances belong to the Stronger Fires, the glowing of the Superiour Heats. For raining of Ashes we own them, perhaps, to be nothing else but the descent, in a calmer Air, of what was before taken up by a Turbulent: as in the *Arenade*, if we remember; but these appearances found only under the Superiour Aspects, do commonly argue a more intimate Influence into the Effect, not only by raising the Atome more copious, and to a greater Height, but also tempering the Colour by helping it, as it were, to incorporate into the Moisture percolated through the Inferiour Atmosphere; though it seems too, by the rarity of the *Red Snow*, communicated to the ever Noble Mr. Boyle, that the tinged Atmosphere reaches beyond some part of that Region, where those Watry Meteors are found.

The single Instance of that *Hony-Dew* which fell May 12. 1550. at *Basil* and *Bern*, mention'd by their Countryman, which he says, was followed as usually by a Murrain of Cattle; I shall not exercise my poor Philosophy upon it; only observe, that the Superiour Planets do exert their Influence in several parts, which Singly, or Conjunctly argue their Influence.

We have one rarity more, and that is raining of *Wheat*; yea, and *Pouffe* with it, if we may believe *Lycosthenes*, and that in a time of Dearth: Must we not have recourse here to our *Panspermia*, and a Vegetable Spirit as well as a Mineral? For a great Showr I cannot speak: but for some Sprinklings, I remember there was a report at *Oxford*, May, 19. 1656. at what time I gathered some my self upon the Church-Leads at *Eardington* near *Oxford*, where I believe they are preserv'd as Rarities by the Noble Lady to whom I presented them. Some Airy Fancies would say, that they are generated by the Influence of the *Virgins Spike*. If so, They were the more proper Present to a fair Lady. But I think that our Aspect of *Jupiter* and *Mars* may rather challenge it, and some Impress it might have of Planetary Heat; although it was just Grain, with a perfect white Flower within, yet one end thereof was more Gay than the other, burnish'd with the Light shining Red, mix'd with a Changeable Blew. Add, that a Flower tasted odly, with a Smatch of Sulphur, so that for my part I imagin'd it never came out of any Ear.

The places of  $\gamma$  and  $\delta$ , March 15. 1551. for the Wheat Shower, was  $\pi$  23.  $\gamma$ ,  $\delta$  8.  $\delta$ . The places for the *Honey-Dew*, was  $\delta$  25.  $\delta$ ,  $\pi$  1.  $\gamma$ . The places for the Bloudy Showr, May 15. 1556. was (would you think it?)  $\delta$  27.  $\delta$ ,  $\pi$  0.  $\gamma$ . Who would not be inquisitive, when we see the same year, within 8 days shew it self in such strange appearances? The place for the Bloody Showr in 1571. is  $\delta$  11.  $\delta$ ,  $\pi$  13.  $\gamma$ , unless two degrees difference will rob us of this Instance.

*Droughts, Plagues of Locusts, Mice, &c.*

$\delta$  76. Such as  $\Delta$  1527. a Jan. 27. ad April 12. *Stow*, 527.  $\pi$  11.  $\gamma$ ,  $\pi$  15.  $\delta$ .

$\Delta$  1528. *Magna Siccitas in astate ut videtur*, *Lyc.* 535.

$\Delta$  1527. In July. *Astus toridus*, *Dr. Dee*.

More

More we may hear of upon ♃'s account in the next Aspect: to make up this Head therefore, the Plague of Locusts is bred by Drought; of which we meet several Instances, which Chronicles tell us swarm in Droughty years, which we may not consider in this place, though under our Aspect, seeing the greater Aspect of ♄ and ♃ forbids.—There we shall meet with this Pest in the year 1504. and 1542. the one for Drought, the other for the Insect, that infected Italy, Germany, &c. in Sept. Octob. Nov. &c. witnessed by *Lycosthenes*, *Surius* and *Gemma*, &c.

*Calvisius* tells us from the *Turkish Annals* that A° 1586. in June, *Locustis Pluit*, It rained Locusts. I shall be willing to allow from Profane, yea Sacred Story, that they were brought thither by a Wind; as in *Podolia* it happened, A° 1576. so it rained Locusts, as it rained *Quailes*. But again they must first be muster'd, before they can be conveyed to their Quarters. There was some Constitution whereby they were generated, some Siccity, or *Uredo*, &c. of which ♂ ♃ ♂ in ♀ was a case Co-existent with the Month of June, when this Rain fell.

Our *English Annals* tell us of the like Pest of Mice, which did much harm about Nov. 3. 1580. the standing durable Aspect is plainly Legible, for the precedent Month, or Months if need be; an ♂ ♃ ♂ in ♀ being Stationary, as we say; for such a purpose.

## CHAP. III.

*Of the Aspect Tres-Grand between SATURN and JOVE.*

§ 1. The Highest Superiours; Enquiry into the Council of God, why ♄ and ♃ meet but once in 20 years; many a prank do they play in the mean while. The Lifeless Hypothesis of the pressure of the ☽ touch'd at. 2. This Congress is dangerous. 3. Yet the Congress doth by no means portend all That shall happen in the next 20 years extent; yet the ☽ comprehensively stands for all the rest of the Aspects. 4. Not All Extremities from the Minor Planets. 5. Aspects whatsoever fall within the Terms of this our Supreme, are reckoned as co-incident, to avoid Prolixity. 6. The Aspect, as usually, first consider'd in Little. 7. Where it shews its Teeth sometimes. 8. The Character accord. to Astrologers, speaks mainly of Drought. 9. Drought, and oft-times Mist and great Dews. 10. Kepler's consent. 11. The Constitution of ♄ ♃, be it Dry, or otherwise, is of notable duration. 12. Evidence of Cold and Dry Influence from A° 1622: and seqq. the Aspect repeats it self, because it desires to be taken notice of. 13. Platic Width must be allowed in ♄ ♃, since Astronomy it self owns it cannot calculate it to a day. One degrees distance holds a Fortnight, and so proportionably. 14. Kepler no Friend to Platic Influence, forced here to confess it. 15. Diary [Keplers] of 1622, 23. for Winter Cold, and Festival Drought. 16. Evidence from Germany, from the English Collantes of Droughty Year: the very Thunders Festival being Dry and Barren: Winds and no Rain, not of an exhausted Earth, as Kepler fancied. 17. The Year 1643. though not for our turn here, yet our Aspect gives us many a notable



table Cold touch. 18. The Years 1662. much, and 1682. too much for our turn. 19. The last intolerable Frost beginning at November's Close, 1583. and lasted till Candlemas, 1684. touched, not described. This Frost predicted upon the account of this Aspect: Kepler at a loss: Crude Air may, but Cold Winds, Frost and Snow are not caused by the melting of the Snow on the Alps. 20. A Frost parallel to our Last great Frost, 120 years ago, upon the same account. 21. And  $\text{h}\ \text{u}$ 's trade in Lightnings and Thunder at other times at large, fairly demonstrated from Keplers Diaries; Lightning not always attended with Thunders; They make Stridorem, but not Boaturni. 30, 31. Hence the Influence of the Pair demonstrated toward the generation of Comets. 32. The Arabians far from ridiculous in the point. 33.  $\text{h}\ \text{u}$  more than half the Fathers of their proper Comets. 34. Further proof from the Comets about 1503. where we note that our Planets were in the same Sign as in 1682. and the Comet in the same place i. e. neer Urfa Major. 35. Proof Continued from  $\delta\ \text{h}\ \text{u}$ , 40, 15, 24. 36. From the year 1544. 38. From  $\text{A}^\circ$  1564. 39. From 1583. 40. From the Star in Serpentarius: 1604. 41. The memorable Transit of that Comet by all the Planets. 42. ad 47. Ricciolus's Argument against the Arabian Doctrin answer'd 43, 44, 45. A Table of Comets which have happened within the Verge of the  $\delta\ \text{h}$  and  $\text{u}$  since the Incarnation. 45, Comets may be predicted. 46. Whether an Aspect is less operative, because it is not absolute, but wholly comparative, its Essence consisting meerly in Relation to us; no fondness sometimes for a Copernican Subtily. 47. Whether  $\text{h}$  and  $\text{u}$  can produce any Stars as big as themselves. 48. Conjunctions maxime in the Fiery and Watry Trigons, with the great Mutations of the World introduced thereby, are above our reach. 49. &c.  $\text{h}$  and  $\text{u}$  as they cause Drought, so engaged in some Company they cause Floods. 50. Pencer refers the Influence of our Aspect to a Solar Eclipse. Conspiracies Planetary. 51. Some account of Stanhursts lamentable Flood. 52. The Cataract at Budissina. 53. Water in Floods raised also by Rarefaction. 55. Gemma's Lamentable Floods, and his opinion of Fermentation of Waters by melting of Snow, kindly received. 56. An unparallel'd Floud in Holland, &c. An. 1572. Evidenced from thence, that the new Star in Cassiopeia is homogeneal to the Bearded Comet. 57. Some Home Floods. 'Tis the Spirit makes the Waters proud. 58. A just admiration of the greatness of the Aspect; the Principle is far from Superstition. 62. The Author delights not in baleful Relations. 63. Kepler's Subterranean Cause pitied, but the Man admired. 64. Kepler unhappy, when he teaches there is nothing in the Sign. 65. The Floud of 1642. in Holland, justly refer'd to our Aspect by Kyriander, but no Anticipation will pass. 67. Floods at Northampton. 68. The late Floods of Holland described from the French. 69. The late news of 20000 Carcases floating, makes the Author affectionately wish, that those who are in Power in the Low-Countries would find a Professor of Astronomy, obliged

ged to Study our Theory. 70.  $\varnothing$  of  $\text{h}$  and  $\text{u}$  brings as many Comets as a  $\text{J}$ . 71. Earthquakes heard of once in 10 years. 72. The stupendious Aspect once more admired.  $\text{h}$  however fancied Old and Decrepit, is a high and mighty Planet. 73. An. 1554. Three Earthquakes. An. 1563. It Thunders at London, and the Earth quakes at Island. An. 1612. T. M. upon the Land, while a Stormy Christmas wracks 60 Vessels in one Spanish Port. An. 1632. Kyriander ascribes Vesuvius's Flames to our Aspect. An. 1638. No greater evidence for any Conclusion in Nature. An. 1642. Anticipation once more rejected. An. 1643.  $\varnothing$  of  $\text{h}$  and  $\text{J}$  must not exclude the Aspect of  $\text{h}$  and  $\text{u}$ . 74. &c. That the Superiour Planets cause Earthquakes, is no news; Pliny teacheth it from the Babylonians. Notes upon the Chapter in Pliny. 75. Pliny's Testimony for the Cardinal Signs, a great Truth; with other notable Notes concerning Earthquakes. 76. Continuation of the like Notes. 77. An Earthquake may last 40 days; nay, a year or more by fits, with the reason. 79. Inundations and Earthquakes oft-times go together by the Antient's confession. 80. Inundations, Earthquakes, Comets, Pestilences hang all on one Thread. Objection answered. 81. Our Aspect malignant as to Health. 82. The best Physitians consent,  $\text{h}$  and  $\text{u}$  are more to be suspected, than any other, which makes some Astrologers venture to predict a Pestilence; the reason why our Aspect seems to be most suspicious. 83. Some notion of Dominion in the case. Cardan bids us enquire into Eclipses, to little purpose. 84. &c. Evidence of Aspects Malignity. The Sweating Sickness, An. 1563 Vicinity strongly suspected, even beyond the Tedder of 30 degrees, An. 1623. 1643. Two or Three Pestilential years together united under our Aspect. 85. Whether  $\text{h}$  and  $\text{u}$  are malignant without the Aspect of  $\text{h}$  and  $\text{J}$ . 86. Aspects of the same malignancy in less Diseases, Agues, Variolæ, Scorbutus. 87. &c. Distempers more or less correspond to the revolution of our  $\text{J}$  and  $\varnothing$  every twentieth or tenth year. 89. Comets &c. attended with Disorders. 90. The Kings of England's entrance upon their Reign, doth not usually, much less always introduce a Pestilence, as Phanatiques chatter. 92. Some good News to lay the Objection, which saith, I make every Xth. year Dangerous. 93. Pestilences may hanker about a City 3 or 4 years.

§ 1. **W**E are arrived at last through many a weary four Step by Sea and Land (not without the Divine Assistance) to the Plus-grand Aspect of the Two immediate Superiours,  $\text{h}$  and  $\text{u}$ . They are Planets of Stately, Slow, and Majestique Motion: they care not one another every day; the Globe of the Universe knows They meet but once in 20 years. If there be no Mystery in that (beside the Majesty of it, for Princes meet but seldom) I am fowly lost: For, can a small Revolution of Nine or Ten Moons of matter produce a Man; and does the God of Nature, in a Sydereal Revolution of Twenty-Years produce nothing? What? neither off, nor on? Well is it, if it doth not produce a Monster; both in the Macro and the Microcosme. For tell me, you that believe (I speak not to others) that all things were made for the Interest of Humane Nature, what can be the

end of the Divine Counsel, suitable to so great a Risk, of such extent? I cannot find any thing in any *moveable* whatsoever, where Motion is made for Motion's sake. The Sun and the Sea, the Wind, the Blood, *Ebb, Flow, Breath, Circulate, Decline, Advance* for the execution of some Ministeries which they perform by the way. There is work for them to do besides *Dancing*; Their Motions are to be weighed and felt, as well as *measur'd*. It grieveth me to see Learned Men talk of Pressures of Air, and thereby *solve Problems* concerning the Ocean's *Ebb and Flow*. There is little hope that  $\eta$  and  $\chi$  shall be allowed any Influence (for Pressure is not Influence) when it is denyed to the Moon, the Image and Reflex of the Sun: They seem to me to deny the Action of *Light and Heat*. And I would fain know what else is *Active*? whether or no the Motion of the Waters cannot be apparently accounted for without those *Lifeless Hypotheses of Bulk and Weight*. I speak only of things which are Lucid. Alas! Alas! there is many a *sad* Transaction to be performed by these our two Instruments of the first Mover (ever to be *ador'd*) before the return to a second Conjunction. Many a Terrible Token seen and felt in the World, before they can get off; many a Prodigious Frost, Drought, Dearth, Pestilence, &c. which have seized the World, and lasted also, while senseless Men have been swept away amidst all their dangerous self-indulgency, and the Security under an unhappy Principle.

§ 2. This Aspect I must repeat again, is a *Tres-grand* Congress of Mighty Bodies, spreading its Wings from *East to West*, and hovering over us for a year or two, 3 or 4 nay, almost 5 sometimes, before they get clear of one another. So Two great Ships on the Main, on a *foul meeting*, endanger all the Passengers.

§ 3. I am not of their Mind, I must own, who perswade, this *grand Conjunction* portends all the *Changes* Political or Natural, that happen in the World within its Revolution; for that Evacuates the intermediate Configurations, divesting them of their Influence, the  $\ast \square \triangle \phi$  of these very Planets, all which have their several Stations; yea, and differences of Influence; Some more forcible, others less. Nay rather, Of those great Events natural which are proper to the Aspect, and consider'd by themselves, the Greatest which probably can happen within the space of XX. Years, falls within the time or term of a Signal Aspect, i. e. about two years or somewhat more, before and after what we call the precise Conjunction, Or  $\phi$ , which is next the  $\delta$  in all its Virtue and Efficacy: though the *Square* we have seen, is a Dame too, except an Artist say that by  $\delta$ , He means the whole Risque, excluding no Aspect, and then I am content.

§ 4. This we shall prove from our History: for though we have dinn'd the Readers Ears with nothing but Comets, Earthquakes, Pestilence, &c. as proceeding from the Minor Aspects, we must know that  $\eta$  and  $\chi$  have their *Hours*, a Jurisdiction I mean, and Territories which belong to them; where we shall meet with as much Mischief as in any other parts; So there is most harm done in the greatest Parishes.

§ 5. Here We have order'd it so, that what belongs to our Aspect, comes to be presented by it self, having, to avoid Repetition, omitted those Aspects *Jovial* that are co-incident, whether with  $\odot$  or  $\delta$ , &c. which must be allowed their Weight and Strength, according to their Fortitude; yet so, as not to exclude the Influence of our *Termagant*, which is as the Basis to every Infusion that is mixed therewith; or like the Keel, the first *Foundation-Piece* of a Ship, whereunto all the Minor Aspects for the time being, are *Riveted and Mortaised* like the Ribbs of the Vessel.

§ 6. But what hath been hitherto our Method, which, I hope upon due consideration will be taken in good part; we must consider this our *supream*



preme Configuration at the wrong end of the perspective, viz. with its abbreviature first, and after survey it in its farther extent.

§ 7. The abbreviature will shew us the Nature in Little, and notwithstanding afford us some Extravagances sometimes; whereby a suspicion will be raised of some Stranger, and stronger Power that lies Couchant between the configur'd Pair.

§ 8. My Reader would, I fear, be at a loss, if I should transcribe the Character of this Aspect from our Elders, as from Cardan, the Congress of  $\hbar$  and  $\mathfrak{u}$ , saith he, as to the qualities of the Fixed, and the Signs, where it happens, does affect the Air for many days with fair Weather, or Rain or Winds, Comment. in Ptol. if the Luminaries at least be Aspected. Is he not almost ridiculous? But that he hath a *Salvo* from the Sign and the Fixed Stars which determine the Dis-junctive. Regiomontanus saith, For many days before and after, it brings a great Drought in  $\gamma$  &  $\delta$  the Fiery Signs; and in Watry Signs,  $\mathfrak{s}$   $\mathfrak{m}$   $\mathfrak{x}$ , it brings Rains, Flouds, Inundations, & Particularia Dilarvia. This is very well, But then in Aerial Signs, I hope, it brings Winds, in  $\pi$   $\epsilon$   $\zeta$ . In Earthy Signs, Frost and Snow,  $\mathfrak{s}$   $\mathfrak{m}$   $\mathfrak{v}$ . Regiomont. dare not say so of this, whatsoever he hath said of an Aspect in General. Maginus is as cautelous, consenting as to the Drought and Flouds: but passing by the other Moisty of the Denomination of the Signs, He comes to the Quarters of the year; and tells us that, In Spring it brings turbid Clouds, and moist Air; In Summer, Hail and Thunder. In Autumn, Winds and Rain; In Winter, Turbid Air again. Tagliacozzo accords, only he restrains the Turbid Constitution to the Spring, the Hail to the Summer, the Rains and Flouds to Autumn, and the Turbid Air in Winter, to the Humid Signs only, in which the other seems to be indifferent, regarding only the Diversity of the Seasons. Eichstad, after all, (He went by his own experience) ventures not on the premisses or their variety; but asserts, though not from his own experience (what I donow from mine) that  $\hbar$  and  $\mathfrak{u}$  first, hath an Influence for Drought, while he brings Instances from 1516. & 1614. of which in due place, and expressing himself further in Keplers way, who fancies that the great  $\delta$  of the Superiours hinders the Concoction of the Earth, so that it cannot attract the Waters of the Ocean, whereupon must issue Drought.

§ 9. We, I hope, more intelligibly say, that  $\hbar$  and  $\mathfrak{u}$  produce a Dry Constitution, because it produces a Cold one, being the two most remote Planets (if there were no more but That) Cold being the Parent of (at least) some Species of Drought. 2ly. We say it produces a Cold Air more often, and more Naturally, than Heat. This, few agree to, though they admit Hail in Summer; which is some Token, but it appears Consequent, from their very distance, beside what else hath bin said before of the Planet  $\mathfrak{u}$ 's Influence. 3ly. It produceth often with the Cold and the Drought a misty Air, Fog and Feculent, confessed at least, in Winter. But Argol, who hath added somewhat of use to what he found in Maginus, and consequent to that which I would not forget, put in great Dewes, more often observed in; or after foggy Mornings.

§ 10. And this I take to be meant by Kepler, when he saith, *h cum Jove rapidum ex Calentibus terra latebris educit aerem, qui in producendis meteoris, ingentes habet vires, in Optic. Paralip. p. 274.* quoted also by Eichstad; where I do not pretend to understand his Philosophy; either the Misty Reek out of the Earth or Waters, visible as the Fume from a Stable, much less that Mists have such tendency to Meteors, more than other Clouds; but I do assert the Truth of the Aphorism, that  $\hbar$  and  $\mathfrak{u}$  is an obscure, Foggy Congress very frequent.

§ 11. In the mean while we are told our Aspect brings a Settlement &

to what happens, *Rain*, or *Shine*, for many days; but they leave the poor Disciple to determine the Number himself. Alas! how many 20. years must a Student pass to determine That? Notwithstanding, they are not to be reproved: for the variety of Motions and Habitues of the Planets are so admirable, that no determinate number will fit. The year 1682. with 1683. saw 3  $\delta$ 's meet in one, and so it continued 9 Months in the year; and the like we shall shew presently in 1622. &c.

§ 12. Now, to make out our Cold and Dry Character, what with Intelligence from *Germany*, and my own Experience, I could produce four of these *Grand Conjunctions* with their respective Diaries, Entire; the first whereof and 2d we shall present; the first Conjunction, though it be Celebrated in the Month of *July*, and in the Sign  $\mathcal{A}$ , a Sign, besides other disadvantages, which hath no great favour for Cold; for Heat rather, Thunder and Lightning; yet we can be content to make no exception against it, but all things consider'd, to admit it. The Conjunction lies at the Door of *July* 7, 17. but how many degrees we shall expatiate before or after the day of the Conjunction in this our Minor Table; which we make prævius to the following larger Diary, That is a Question; for sundry reasons I have pitch'd upon 8 degrees of *Platique* Distance, not more; because I would not overcharge the Reader: nor *Less*, least I should wrong the Aspect, especially when the Aspect for fear it should be wrong'd, seems to me to repeat its Motion, not being content, as we may see, to pass part of *September*, *October*, *November*, *December* entire,  $\mathcal{A}^o$  1622. but Commences again, at *April* 1. 1623: and so holds on to *October* 4. Yea, a third time, from about the end of *March*, 1624. to the beginning of *May*, the same year. So falls it out that we have some tast of this Aspect, not only the Summer Months of *June* and *July* (where we find little of his cooling Influence) but of the early Spring Months, yea, of the later *Autumn* and *Winter*.

§ 12. For, what are Aspects tyed, do we think, to precise Minutes and Moments? the Vanity of that appears from this Grand Conjunction. An Astrologer must be lost in a Mist there, not knowing whether he goes, when *Astronomy* it self confesseth She is uncertain, and does but conjecture at the Moment. Hear *Kepler's* honest confession: *Planetae validi & tardi non contrahunt suos effectus ad momenta minuta conjunctionis Plenaria* (speaking of this very Conjunction) *ut de quibus adhuc ipsa Astronomia incerta est, propter subtilitatem*. Calculators will differ above a Week in the Point. What say you, if VII. days shall not make above one degree distance. If VII. days before differ but one degree from the precise Conjunction, then VII. days after differ no more from the Conjunction: So there is a fortnight comprehended within a degree's space; and a Month within two degree's space, reckoning on each side to, and from the Conjunction. How far this ought to be extended even in meaner Aspects, we have before spoke our Mind; we make nothing even of ten degrees Distance; we have seen  $\delta$ . and  $\mathcal{Q}$  Rain excessively, even to Floods at Five, yea VII. or VIII. degrees distance. Nay, if we have proceeded further, which must not be denyed, 'tis certain, if we enlarge upon any Configuration, we may safely, upon  $\hbar$  and  $\mathcal{U}$ .

§ 13. This we shall prove even from *Kepler* himself (though he be no Friend to *Platick* Efficacies) while he allows an Influence of  $\hbar$  and  $\mathcal{U}$  at such Distance; He, where he reckons they have took leave one of another, yet upon the intervening of a Third Planet, finds no such matter. For Lo! in his account of *May*, 1623. having told us Faithfully, that for the space of 12. Days the Weather was in *Norico* uniform, i. e. Cold and Rainy all the while. He tells us withall that the Intervention of  $\odot$  with  $\hbar$  and  $\mathcal{U}$

h and 4 (a Sextile he means) was the Cause: which is the rather to be marked, because the Instance is at the Cold Influence, *Frigus & Pluviosum* there, yea and at *Lintz* too; for there we find *Venti frigidi, Gelu, Pluviosum*. Yea, *Nives*, on May 11, 21. which is somewhat of the Premises. And where is h and 4 then? About 5 or 6 degrees distant.

§ 14. In another place being over-loaded with Evidence from the Exalted Influence of the Aspect on *Octob.* 7, 8, 9. He cries out, till I hear him, *Non sufficient Aspectus in hunc diem*. What shall we do then? Will not a mighty Sextile of h 5, 4 5, h 6, falling thereabouts on several Days, do the Feat? No: *Non sufficient*. But we must even send for a δ h 4 to make these Sextiles so Potent. Now h and 4 on these days are *grad.* 7. distant, at least. 'Tis true, This belongs not to the Cold Influence: 'Tis a'll one for that, h and 4's Aspect is fetch'd from the *Dead* to answer for Pranks committed, as if they were Living.

§ 15. It will be time now to produce some of our Tables. The First then may be as follows.

A Table of h 4 intra Grad. 8. § 23. 4, 1. h.

1622. Intra grad. 8.

Sept. Styl. Nov.

14. Nebula.

17, 18. Neb. *Astus*.

20, 21, 22, 23. *Jerem.* 24. Nebula.

28, 29, 30. Nebula.

Octob. Styl. N. 2. Pruina.

5, 6. Frigus. 7. Nebula.

8, 9, 10. Caliginosum. 11, 12. Frigidum.

17, 18, 19. Nebula, Frigidum.

20, 21, 22. Frigid. Nix in Collibus.

26, 27, 28. Frigidum. 30. Frigus.

Nov. 2. Styl. N. Frigus.

3, 4. Pruina. 5, 6, 7. Caliginosum.

9. Fœtida aura. 10, 11. Nebula.

13, 14. Frigidum. 15. Neb. Nix.

19, 20. Nivros. 21, 22. Frigidum.

28. Nebula. 29, 30. Frigidum.

Dec. 2. Pl. N. 2. Gelavit, Nix.

4. Frigus. 5. Nebula, Nix.

7. Nebula Densissima.

8. Nebula, Nix. 11. Nix. 12. Ninxit.

13. Ninxit per tot. diem. 14. Gelu.

15, 16, 19. Frigus. 19. Gelu auravit.

21. Frigus. 22, 24, 25. Nix.

27. Ninxit. 28. Nives. 29. Frigus.

§ 26. 4, 1. h.

1623. Jan. 1, 2. Styl. Nov. Frigus.

3. Neb. densissima, tot. die.

6. Frigus intensum, Nebula.

8, 9. Frigus mediocre.

14, 15. Frigus Restauratum.

1624. ab April 7. St. N. ad Octob. 4.

10. Ventus Frigidus.

11. Gelu, Sol Pallidus.

12. Gelu, Tonitru. 14. Sol Sanguineus.

16. 17. Gelidum. 20. Sol Pallidus.

May St. N. 1623. 3. Nebula.

14. Nebula. 17, 19. Venti frigidi.

19. Gelidum. 21. Pluvios. Nives.

22, 23. Frigidi, & Mai dies.

26. Grandinos. N. B. ab 11. ad 21.

totum tempus in Norico pluvios. &

Frigid. Nebula in Oceano Britannico, Kepler, ad May 1623.

Note, that in Summer the Scene changes not for Drought, though for Heat it may.

June 14. S. N. Nebula.

15, 16, 17. Squalores:

25, 26. Frigida Aura.

July 4. St. N. Squalor.

5, 6, 7, 8. Calores. 9. Squalor.

11, 12, 13. Calores. 14. Squalor.

17. Grando. 19. Squalor.

26, 30. Squalor. 31. Siccitus.

Aug. 1, 2. *Astus magni*.

2, 3, 4. Siccitas. 5. Squalor.

11. Grando. 18, 19. Squalores intolerandi usque ad 26.

Octob. 3, 4, 5. Frigid. Ningid.

3, 4. Ningidum, 6. Gelu.

7. Pruina, Nivris instar.

1624. March 30. Here now, the Spring is cool.

31. Nix.

April 1. St. N. Ningidum.

2. Frigus. 3, 4. Gelu, Ninxit.

5. Ninxit. 7. Ningidum.

8. Ventus Frigidus. 10. Frigidum.

11. Pruina. 13. Frigus.

14, 15, 16, 17. Euri Frigidi.

18, 19. Aura Frigida.

30. Sol in occasum rubens.

May 1, 2, 3. St. N. Squalores.

Y 5

§ 16. From



§ 16. From which Diary take Notice how every Month which is more capable, hath a cold mark; and those which are scarce capable, feel the impress of the Aspect by *Drought*: (for the overflowings of the *Danow* in *June*, A° 1623. toward Midsummer, I hope, is a *Rarity*;) and in *July* we scarce find a Drop of Rain; whence *Kepler* with Reason concludes the Diary of the Month with *Siccitas*; which is no ordinary Style in that Book. Surely in *New-England* we find a Drought noted from *June's* beginning to the end of *July*, *Purch* 4. p. 1866. Yea, in *Germany* all *July* long. Even the very Thunders brought no Rain with them, according to what is before noted, *Dry* Thunders are an effect of *Joves* Dominion; and yet according to the Diary, it Thunder'd five or six times. To proceed, Winds instead of Rain, says *Kepler*, not upon the account of an *Exhausted* Earth as he imagines, but on the account of those Planets, that being met, resist Moisture, and separate it. There are a matter of 330 days that we are concerned in for the investigation of this Aspect, the Fair Days and the Dry being reckoned, which are omitted in the Table; 74. in the first Division, 121. in the 2d. and 20. in the 3d. make even up 200. of that Total (330.) And 75. for so many Cold Days occur expressly in the Table, then the Influence is manifest 275. of 330. bear Witness to a Dry, Cold, Aspect.

§ 17. Our next Conjunction falls by Course in the year 1643. on *Febr.* 16. here we shall seem to be at a loss, not where the Aspect falls in a Winter Month; for there we are not to seek for *Cold*, *Mist*, *Frost*, *Snow*, &c. each Month having its proportion. *Dec.* A° 1642. gives 26. and A° 1643. *Jan.* gives 21. *Febr.* 22. *March* 15. *April* 17. but before that, from *May* 22. to *Aug.* 2. when They come within 8 degrees in Summer Months, where the Aspect doth not seem so much for our turn, the *Critical* Position, as it uses, altering the Case. Well, it will yield us the more Instances under the Style of Heat, Moisture, Storms, &c. Yea, even here, we meet with the *German Diary*, Frost at the end of *May*, [Hart Reiff] Cool Weather; yea, Cold on *June*, 21, 25, 27. with Snow, or Clouds ready for Snow, if I read the *Dutch* right, *Kalt Wind Schnee Wolken*, so hard is it an for Aspect in the Various Changes of the Celestial Motions, not to shew its Teeth. See *Kyrianders* Diary.

§ 18. But the next δ of 1662. is quite for our turn, and the next 20 years after too much for our turn; when first that of 1662. brought Cakes of Ice in the *Thames* at the end of *November*, *December's* beginning, about a Fortnights time; and Renew'd then a 2d time at *December's* end, at what time the River was scarce passable. At it again, A° 1663. where extreme Frost, and hard Winterly Weather in the Close of *January*, brought much Ice a third time upon the River; when, besides Frosts in the mean space, appear'd Cold and Chill Winds, pinching the Spring at the end of *March*, *April* too was much upon an Easterly Wind; by the same token that my Memorial tells me, on *May* 2. I saw h and u within two degrees: I suspected something even then that they were some Cause of that Constitution following, whatsoever I thought of the Cold preceding. The Truth is, the Aspect lasts all the year within 8 degrees Compass, and Tokens thereof may be discerned in its Cold Influence: I mean in the Frost of *Aug.* die 11, 13, 20, 21, 22, 28, 29, 30. in *September*, *October*, *December*.

§ 19. But That of 1682. according to my terms of *grad.* 8. begins about *July* 10. and ends not till a year after, *Aug.* 24. 1683. By my Notes I find a Cold Night in the midst of *July*, 1682. yea, and Frosty Cold Pinching Mornings, besides the Day time, *August* 3. and 4. and so Signal was it two Months before *Christmasts*, that I remember according to my Notes, Gentlemen

plemen got on thier Upper Coats and Cloaks, in spite of the *Guerpo* mode, to defend their Shoulders from the Cold. But in *November* of the year 1683. *There, There* began the Winter which told us a heavy tale, and lasted, with a small Interruption of 4 or 5 days, till the New  $\gamma$  after *Candlemas*, 1684. That is the Winter under which we groan'd a Twelve-month after; whose farewell had a Sting; for bringing a dry Summer after it (a *Badge* of  $\hbar$  and  $\mathfrak{U}$  when they are not master'd) the Markers forgot their Plenty of Flesh and Fish, the later being kill'd by the Frost, and the former by the Drought, Cattle being pinch'd in their Pasture, the poor Vegetables perish'd, scarce a *Sallard* to be seen, the *Grape* intercepted, and the *Artichoke* destroyed; *Rosemary* and *Bays* became new *Exolick* Plants; This was the Winter that clos'd up the *Thames*, and made it *Terra Firma*, when his Majesty of Happy Memory being Sollicitous for *Ice* at the end of *November* before, was told, His *Swans* would have *Ice* enough before that Winter was over; the *Wizard* intimating That Frost, which upon the Position of  $\hbar$  and  $\mathfrak{U}$ , he saw, would be so severe. The Truth of it is, the Planets are not within the compass of 8 degrees. Alas! we stated that number for *Rudiment* and *Introduction* sake, we confin'd our selves to it at first, only to introduce, not to exclude the greater Distance. Know therefore that at this  $\delta$  They were both in  $\mathfrak{w}$ , above twice 8 degrees distance, and the better Artist must consider them both nearer and further; the one sometimes, at other times the other taking place. And it is no News, for thus we find in *Keplers* Diary Forty years ago, when the two Planets met in  $\delta$ . *Honest Kepler* is at a loss for the reason of a Cold Winter; especially of the *Hymal* Cold in *March*. 1621. Alas! Good *Man*, how doth he turn every Stone? How doth he conjure for it out of the Earth, but it answers not? The Superiour Aspects have been in Play for two year before, as we could prove from his own Annotations: the short is, *March* proved so Cold, that it minded the Goodman of his Country Proverb; which counsels the Old Men to put on their Swords to defend them from the sharp Assaults of the Air.  $\hbar$  and  $\mathfrak{U}$  are but 10 degrees distant: but he not dreaming of such Martialists, hath recourse to the Nature of the Month. But what is the Nature of the Month? 'Tis he himself who asks the Question; and 'tis a worthy Question, *Quæ potest esse natura partis anni, aut quæ est substantia temporis*, what Body hath time which is indued with such Working Faculties? 'Tis the Sun Characters a Month *in specie*, and the rest with the  $\odot$  characters it in *individuo*; He imputes it to the melting of the Snow on the *Alps*, which causeth, he saith, those Cold Winds which bring the Winter Frost. But why is it constantly so every *March*? There's Snow on the *Alps* every Winter. We find not (*A*° 1621. *A*° 1622. 1623. 1624. we find  $\hbar$  and  $\mathfrak{U}$ ) *A*° 1626. we find no such thing again. As for the rest we must remember there are other Cool Aspects of  $\mathfrak{U}$ , besides  $\hbar$  and  $\mathfrak{U}$ . Nay, 2ly. I could never digest the pretence of Cold Winds from melting of Snow; Flouds and Waters I understand, and a Crude Air: but that melting of Snow on the Mountains should cause Frost and Snow in the Valleys, I pretend not to understand, For Wind formally consider'd, rises not from the moistned Earth, nor falls by its own Weight, the Cold is its own Property, which it lenderth, and borroweth not. Again in Snow its self, Air relents, how much less does it Freez when the Snow Thaws? Motion is the Formality of Wind, but Motion requires an Application of a new Cause. There is Master, I grant in the Atmosphere, Plenty; when Snow melts, as there is in the Bellows deducted; but there wants an impulse, an Aspect, a Constellation, as we have defin'd it at the beginning, to make a Wind.

9 20. Now why may not I look back into the former Century, I do amiss  
in

in sparing the Labour; in the year 1563. 1564. you shall find a Frost parallel to that of ours, 120 years after; about *Christmas* (as with us) it was unsupportable, the *Ears* of the Poor, their *Hands*, and other parts *gangreen'd*; the Nut, the Pear, the Peach, the Rose-Tree, the Vines, all but Root utterly extinguish'd. Death of Man and Beast, Dearth of all things followed, *Gemma Cosmoc.* 2, 44. And would you know now where our Planets were? You will find them upon the matter in the same places, One in  $\mathcal{A}$ , the other in  $\mathfrak{w}$  then, and Both in  $\mathfrak{w}$  now,  $\hbar$  being but newly entred.

§ 21. Pass we now from *Frost* to *Flame*, to shew that  $\hbar$  and  $\mathcal{U}$  in  $\delta$ , viz. from the exact Aspect so call'd, to the *Quincunx*, hath an Influence sometimes more, sometimes less, on all Lightnings, Thunders that have been heard in Summer or Winter, and bordering on the  $\delta$  for the space of V years together. *How*, say you? Even so: I know 'tis no small enterprize: 'tis such as will amuse Astrologers themselves, till they please to calmly consider what *hath*, or *shall* be said. Yea, but this needs a Proof. *Keplers* Diary is extant for some years when this happened. He is a man of Authority, who making inquisition into Astrology, as many ingenious Persons at this day do, hath left us his Notes. From them we Demonstrate our Thesis, we demonstrate that this,  $\delta$   $\hbar$   $\mathcal{U}$  haps in 1622. in  $\mathcal{A}$  6. *July* 7, 17. Now, we are not going to say that the Heat, and Thunder a Twelvemonth before, *June* 2, 3. *St. N.* depend on the Superiour Configuration, as posited in that very Sign or degree,  $\mathcal{A}$  6. (though that Congress were then, and not before, in its perfect Complement) but we say that when  $\hbar$  and  $\mathcal{U}$  in prospect of such Conjunction, entred within such Barriers, as shall render them within 30 degrees distance, there can nothing happen all that live-long-while, but must be imputed, more or less, to those Planets so approximate. For Example, take me the *Tonuit* of *Jun.* 2, 3. afore said,  $\mathcal{U}$  5, 51. and  $\hbar$  place in 6, 43.  $\hbar$  and  $\mathcal{U}$  are on the *Quincunx*; are They not? If I prove  $\mathcal{U}$  then is concerned in that Thunder; then  $\mathcal{U}$  and  $\hbar$  both being so Aspected, are not quit. Now that  $\mathcal{U}$  is concerned, any man that is but so moderate as to grant us, that a Concourse of Planets in the same Sign is apt to beget something, shall find that  $\mathcal{U}$  and  $\odot$  are but gr. 6. distant; then  $\mathcal{U}$  and  $\mathfrak{f}$  are but gr. 4. distant; so there are 3 Planets in  $\mathfrak{w}$ , and the  $\mathfrak{D}$  in  $\mathfrak{z}$ , which is *Anti-Gemini*, and opposing both  $\mathfrak{f}$   $\mathcal{U}$   $\odot$ ,  $\mathcal{U}$  being strengthened by the Vicinity of  $\odot$  and  $\mathfrak{f}$ , and somewhat by its Vicinity to  $\hbar$ . Let not the Reader think we have said all, shewn all the Causes: Nay, we see but a part in which  $\hbar$  and  $\mathcal{U}$  have a share. To make this more probable, know that the same Method gives account for the next *Tonitru*, *Jun.* 8, 18. and therefore we scape that. We meet with next *serventissimum tonuit*, *pluit.* Moist, foultry Air and Thunder, day 19, 29. see, if  $\mathfrak{f}$   $\mathfrak{f}$   $\odot$  are not posited all between  $\hbar$  and  $\mathcal{U}$ , so that  $\hbar$  and  $\mathcal{U}$  are the Bounds and Sheds, as it were, to coerce them; but if any of the Planets so coerced are Operative, the extreams Coerced cannot be Idle. To say none are Operative, is against our *Supposition*; for no moderate man but will, in this case, grant that  $\odot$   $\mathfrak{f}$  and  $\hbar$ , all Three in their Tropical Heights can raise Fervours in the Air: This is so easie, so evident, that I would begin my Pains here to teach That Man Astrology, i.e. to look upward.

§ 22. The next is a *Tempestuous* Day with Thunder, *Jun.* 9, 19. as yet we do not say that our Planets Influence is so legible, as others of the Minor Rank; for  $\odot$   $\mathfrak{f}$   $\mathfrak{D}$   $\mathfrak{f}$  are all within 10. grad. one of another; II. in the end of  $\mathfrak{S}$ , the other II. in *princ.*  $\mathcal{A}$ . Now (note that 'tis the New  $\mathfrak{D}$ , the day of the Change) I argue thus; if any of these IV. had Influence as the New Moon, at least is granted, toward the raising of Tempest



pest, then all these IV. had the like. Well, still the  $\odot$  and  $\mathcal{Q}$  have operation in the end of  $\mathfrak{S}$ , and shall not  $\hbar$  in the middle of the same Sign? And if  $\hbar$  have, shall not  $\mathcal{U}$  also, being near the same Tropique height on the Left side, as  $\hbar$  on the Right? Besides, that he is now got three degrees nearer  $\mathcal{U}$ , then at the last time. There comes two more *Tonuits* before this Month is done; for they are like to be thick on the account of the Tropical Height of our Planets, which are the first in the Pass, and therefore strike up the first Heats.——Let's bask a Thunder or two, and come to *Much Thunder*. Aug. 19, 29. *Æstus Pertomuit pluit*; so the Diary; Here, to make short work,  $\mathcal{U}$  is concerned, if it be Thunder, the while  $\mathcal{U}$  is in  $\pi$ ,  $\delta$  is in *Anti-Gemini*: shall  $\delta$ 's wide  $\wp$  to  $\mathcal{U}$  be efficacious; and shall  $\hbar$ 's  $\delta$  to  $\mathcal{U}$  be ineffectual?  $\hbar$  and  $\mathcal{U}$  now approach 5 degrees, more the One where  $\odot$  is at *Junus* beginning, than the other, where  $\odot$  is station'd at the end of *June*.

§ 23. Well, the Sun begins to decline, as *Kepler* uses to say, and therefore Thunders begin to sleep in their Embers: Howbeit, there is a parting blow, *Sept. 9. St. N. 1621.* some places Fired, or struck with Lightning: We see, and cannot chuse but see where  $\mathcal{Q}$  and  $\mathcal{R}$  are posited; but that  $\mathcal{U}$  is so near, appears by his Height,  $\pi$  23. by this strong opposal from  $\delta$ , as was said before; and by the  $\mathcal{D}$ 's  $\delta$  with  $\mathcal{U}$ , partaking with those Heights, and receiving that fierce  $\wp$  from the Martial Star;  $\mathcal{U}$  I say, who is approach'd to  $\hbar$ , now six degrees of the Thirty. Thus much for the First year.

§ 24. No news of any Thunder now, till *April* of the year following, 1622. Then comes a Clap 2 days together, *die 7, 8.* where is  $\mathcal{U}$  trow we? In his Tropique Height still,  $\pi$  22. Where is  $\hbar$ ? Fallen back a little to  $\mathfrak{S}$  15. nearer the Altitude Tropick.  $\hbar$  and  $\mathcal{U}$  are come nearer now by a degree; and if that will not unite them, the  $\mathcal{D}$  will, *Die 7.* the  $\mathcal{D}$  wades between  $\hbar$  and  $\mathcal{U}$  for that day, and the day after forsakes him not; This is so plain, as if we read with a Fescue.

§ 25.  $\hbar$  and  $\mathcal{U}$  now are almost within 20 degrees; a great approximation for the Superiour Planets, as hath appear'd before, even in the Minors: See by the way, whether the Stars be not Thunderers? For  $\delta$ , which but now raised Thunder by  $\wp$  of  $\mathcal{U}$ , is at the same Sport in the  $\delta$  with the same  $\mathcal{U}$ ; the One at the Entrance, the other at the *Exit* of  $\pi$ .

§ 26. So certain, I say, that the  $\mathcal{D}$  cannot come to  $\delta$  but it *Thunders* again, *A<sup>o</sup> 1622. May 1, 11.* the  $\mathcal{D}$   $\delta$   $\mathcal{U}$ , Three Comrades in  $\pi$ , and  $\hbar$  within 20 degrees of the nearest of the Three.

§ 27. All this may go for *Gratis dictum*: But will any Man's Obstinacy say, that the *Æstus, Tonitrua, May 19, 20.* were not caused by  $\hbar$  and  $\mathcal{U}$  as to a share, when  $\mathcal{U}$  hath got into  $\mathfrak{S}$ ; a Sign of the same Denomination with  $\hbar$ , and but 18. degrees distant? Then let them say that  $\delta$  or  $\mathcal{U}$  makes no heat on those *Æstuant* days, and let them prove it, because the Sun makes none when it comes into the same Sign. Here the Planets in  $\mathfrak{S}$  strike up the first Heat,  $\odot$  and  $\delta$  continues them;  $\mathcal{U}$  and  $\hbar$  in the highest *Abssis* Finish.

§ 28. So will I leave  $\delta$   $\mathcal{U}$  and  $\hbar$  in  $\mathfrak{S}$  at their Rains and Thunders, all *June* and *July, St. N. August*,  $\mathcal{U}$  and  $\hbar$  seem alone, but within ten degrees now, where  $\mathcal{Q}$  must pass, if  $\hbar$  and  $\mathcal{U}$  lie in her way; Three Planets in  $\mathfrak{S}$ , we have heard have Thunder'd already in *June* and *July*,  $\hbar$   $\mathcal{U}$   $\delta$ , and the like can  $\hbar$   $\mathcal{U}$   $\mathcal{Q}$  do in *Aug.*

§ 29. There's one *Tonuit* in *September, die 15, 25. tonuit largitèr pluit*,  $\hbar$  and  $\mathcal{U}$  are but 7 degrees distance, and though the year is declin'd, yet the  $\mathcal{D}$  keeps up the Summer inclination on that day, while she rides in  $\pi$ ,  $\mathcal{U}$

in  $\odot$ ,  $\text{h}$  in  $\text{a}$ , and  $\text{q}$  also,  $\text{d}$  &  $\text{e}$  in  $\text{w}$ , &c. Yet further, *Octob. 9. St. N. Tomit, Pluvia, Grandines*: see whether the  $\text{d}$  be not in *Antigemi*,  $\text{h}$   $\text{u}$ , &c. as before.

§ 30. I should weary my self, and my Reader (which is worse) if I should follow this trade in *June, July* and *August*, 1623. when  $\odot$  and the Rest crowd into the same Signs, what with *Astus, Squalor, Tonitru*, that they come to *Tonitrua continua* before they have done, three days together, and *Fulgura continua* a Week after; and *Squalores intolerandi*, for about a Week together; and so we have done: Now what's the matter with Chafmes and the Lightnings in Winter, *Jan. 2. & 7, 17. 1623.* (we are indebted to speak to Winter) first there's two Planets in *Anti-Gemini*, and two in *Anti-Cancer*, which bolt upon  $\text{u}$ , lying quiet till they come in *grad. 27.* of  $\odot$ , where he being prim'd by those 4 in the other Hemisphere, Fires  $\text{h}$  his Superiour, who lies but at 8 degrees distance. Therefore in the Night this happens, while  $\text{h}$  and  $\text{u}$  are up, and ascending the Meridian. Judge this to be true, when you see three Planets in *Anti-Cancer* firing  $\text{u}$ 's Beacon, *Jan. 7, 17.* while he transmits that Flame to  $\text{h}$  and the  $\text{d}$ , which by this time is got to, and beyond them; but so as to play his Game still with them.

§ 31. Here I must take notice that in the Premises there appears Lightnings, I mean dry Lightnings, pretty frequent; Lightnings without Rain, in a serene Air; and Lightnings without Noise, although by Congress of Planets and their Mixtures, Lightning most commonly is accompanied with Thunder; yet there are some Positions of Heaven that produce a quiet Lightning, present themselves only to the Eye. I think I have met with some who assert that all Lightning carries a Thunder with it, though by reason of Distance, sometimes not so audible. But the contrary is evident both by Day and Night, even in Cloudy, much more a Serene Air. I will grant the sudden Eruption of the Flame does create some noise, but all noise is not Thunder. Every Flash may make *Stridorem at non beatum*, there must be resistance, a Cold, Dense Exhalation, which must keep the Flame in, like the sides of a Canon, till it breaks out at some Orifice, as we may call it; it must be some reluctance in the composition of the matter, as in the Materials of Gun-Powder, some Moisture as well as Drought, which Moisture is supplied by the other Planets,  $\odot$   $\text{d}$   $\text{q}$   $\text{e}$ , notwithstanding where  $\text{h}$  and  $\text{u}$  are in Mutual Regard, it happens that the Dry Lightnings take place oftner than otherwise; which is no contemptible Argument of the Drought of  $\text{u}$  at least, in favour of our Principle. Such Instances we have in the few Days underwritten. *June 8. July 16. Aug. 18. 30. A° 1621.* Then *April 15, 29. May 19, 20, 22, 23, 24, 25. June 1. Aug. 8. Dec. 23. 1622.* Then *April 3, 4. May 21. July 8, 10, 11, 12, 16.* in the Month of the Partile Aspect; *Aug. 8, 9. 1623. April 23, 24, 28. May 7, 27. June 1. July 23. 1624.* Lasty, in the Chafms, *Dec. 23. 27. 1622. Jan. 7, 29. 1633.* those Lightnings mores especially, which are noted to be continual, *Aug. 8. 1623.* Chiefly that in the beginning of *January*, when the Heavens Lightned and Burned all Night without a Drop of Rain or Hail, *Jan. 2. 1623. St. N. Celum ardens*, within the Month.

§ 32. This being so according to the Philosophy of the Antient Astrologers  $\text{h}$  and  $\text{u}$  may have Influence in the Generation of Comets, because they have a dry Emanation. The *Arabs* are known to predict Comets from the  $\text{d}$  of  $\text{h}$  and  $\text{u}$ , and they are laugh'd at for their Pains: We would laugh too for company, but that in our little Dealing we have observed that the Old Pagan Gentlemen did speak some Truth, if the Court would be pleased to hear them. It may be they are not exact always, because they tye themselves to the Partile Conjunction, and then look upon it

on it as a Consequent of that Conjunction; whereas if we enlarge the Congress of  $h$  and  $\gamma$  to a *Quincunx*, or somewhat better, and instead of a Consequent say a Concomitant, we should find that the *Arabians* did leave some Footsteps of Truth, which carefully followed and improved, may reduce to the Determinate Prediction of those Meteors, as many as shall probably happen every Twenty years Revolution; for which It is not good manners in me at least to make a *Faction* in Philosophy; and so deny what I saw with my Eyes. I do not speak of the Comet at *Mosco* you will believe, *March 6. A<sup>o</sup> 1682.* nor that at *Vienna*, *July the 18. St.N.* in  $\gamma$ ; but That noted one in *Aug.* of the same year, seen from *Ten* at Night, till Four the next Morning, posited between *Charles's Wain*, and *Cor Leonis*; This Comet, which was Famous for its universal View, and for its Critical Place, (since) Comets have used heretofore to take up their Station thereabout, as we have noted before now.) This Comet, I say, happened when  $h$  and  $\gamma$  were in  $\Omega$ ,  $h$   $\gamma$  within less then X. degrees one from another; So I meddle only with Notorious *Phenomena*, which have the publique Stamp upon them, and have their Diaries recorded. As those that were seen after the Conjunction in  $\gamma$ , 1664. about *Christmas*, at what time  $h$  and  $\gamma$  were both in  $\varphi$ . Three Comets then seen by my self, and all the World beside, (we know this may be mention'd before, under the  $\delta$   $h$   $\delta$ , yet that must not hinder the greater Conjunction.) We have before, you see, already favouring the *Arabian* fabulous surmise, who did not mean so, as if a  $\delta$  of  $h$  and  $\gamma$  were a private Aspect; They knew it was *Impartial*, of a large extent and Dominion, Martialling Minor Aspects under it; and upon that account ought not we Christians to deny that these Configurations often bring Comets with them. Ye see here are two together; First, that in 1664. then that in 1682. What should we cavil? I acknowledge it is not XX. years punctually; but they both roame within the Verge of the  $\delta$ . The same  $\delta$  comes but once in XX. years may be, but it stretcheth its Wings forward and backward, so that the Effect may come sooner or later, either about the 22. or 18. years Distance.

33. Well, but 'tis a Chance, 'tis such such a Chance as has chanced before my scantling time: For how came the *Arabians* to dream of it? But enough of that. Go we backward; have we known any Comet about 1644. Verily none appears, we must be content then. Let us retreat to the year 1625. where  $h$  and  $\gamma$  are but a Sign distant, which to me is as good as if they were about half a Sign, or XII. degrees distant, seeing there is difference of Communication of one Planet to another, according to the difference of their Station in the Firmament. We have ventur'd to say the Influence runs beyond 30 degrees sometimes; of which we may perhaps in due place give some account. 'Tis a Wonder, and no Wonder; None, because a Comet is not accomplished without the concurrence of the Inferiours; and yet a Wonder, because  $h$  and  $\gamma$  carry such a stroke with them, that they seldom are without such Issue; being more, as we say, than half the Fathers of it.

34. What a Drudgery 'tis to convince an Adversary! Come, for his sake let us begin at the first Stage of the last Century; At the end of *A<sup>o</sup> 1503.* there was a notable  $\delta$  of the Three Superiours; In *June 1504.* it came to the turn of  $h$  and  $\gamma$  to meet alone about the end of  $\mathcal{S}$ . I am not so zealous for my *Grony* Aspects, as to put up 3 Comets, or 4. in the year 1504. 1505. 1506. That of 1504. though extant in *Hewelius* and *Lubienec*, to the best of my discretion, must be discarded, proceeding from the Mis-understanding of *Niphus* his Words, quoted by *Cardan*, who tells us not of any Comet appearing, *A<sup>o</sup> 1504.* the very year of that Triple  $\delta$

$h$   $\gamma$   $\delta$ ;



$\hbar$  &  $\delta$ , but only referreth a Comet of 1506. to that marvellous  $\delta$  precedent, though 2 years after. For *Mizaldus* saith not, with *Hevelius* his leave, that *Heller* observed any such Comet in that year. For if that very Authors Preface be consulted, found in the same Volume with *Mizald.* his Cometography, he manifestly distinguisheth the 3 years, as I have said, and only tells us that the Comet in *August*, 1506. was that *Gujus Halitum prioris Anni Eclipsis (1505) & magna Conjunctio contraxisse putantur*. The confess'd Comet we dispatch first, and say with those Old Good-fellows, who made up the [*Putantur*] that it is a Product of the Congress of  $\hbar$  and  $\mathfrak{U}$ : Not of the Partile Conjunction working at two years distance, but of the self-same  $\hbar$  and  $\mathfrak{U}$  at the distance wherein they are found at the time of the appearance, which the *Ephemeris* gives us at scarce 30 degrees, at which Distance we have seen they operate, as well as at nearer approach. Now let me ask, this Comet of *Aug.* where did it appear? In the Signs  $\mathfrak{S}$  &  $\mathfrak{M}$ ; here, above *Ursa Major*; After<sup>l</sup>, under it, as *Hevelius* gives us satisfactory Testimonies. Let me see, where was the Planets  $\hbar$  and  $\mathfrak{U}$  in the year 1682. when the Comet appear'd about the same Constellation? Were they not in the same Signs? This Comet was call'd *Cauda Pavonis*. We are not arrived as yet to so much exactness, as to expect the same Figure at several times; the same Celestial Station is pretty well proportion'd to our Pretences. But there was another in *April* for 5 days at least, which was drawn out by *Werner* of *Norimberg*. If there were, which I do not much question; beside  $\hbar$  and  $\delta$  do countenance it with a Partile Aspect;  $\hbar$  and  $\mathfrak{U}$  are nearer than they were in *Aug.* But was there no Comet in 1505. then? There was; and that in *Sept.* about New  $\mathfrak{D}$  at *Michaelmas*: Note the Planets, One in  $\mathfrak{S}$ , two in  $\mathfrak{A}$ , two in  $\mathfrak{M}$ , two in  $\mathfrak{C}$ . Oh! that they had been so good as to have communicated the place to Posterity. I have said enough for the production of it; as  $\delta$  was within 30. grad. of  $\hbar$ , so  $\hbar$  was within 20. grad. of  $\mathfrak{U}$ . So much for our first entrance of  $\hbar$  and  $\mathfrak{U}$ , in defence of the Truth of our *Arabian* Brethren; only note that the first of these Comets was look'd upon to be attended with Siccity.

§ 35. Now taking a XX. years Leap to the next  $\delta$ , which happened about the 10. degree of  $\mathfrak{X}$ , and near the beginning of *Febr.* let us see whether our *Arabs* are always Lyars? Nay, we have *Rockenbach* to assure us, yea, and *Mizaldus* too, brought in by the diligence of *Hevelius*, who testifies that there was such a *Saturnine* Comet, as he calls it; and that Famine and Pestilence did for two years space afflict his Countrymen. But it is left at large, they do not tell us Day nor Month. I do not know,  $\hbar$  and  $\mathfrak{U}$  were in due Distance, *April* 1522. And if that but answer, 'tis enough. But *A<sup>o</sup> 1523.* we have more satisfaction, for there, about the end of *October*, or *Novembers* Entrance, a Comet was justified by a great Inundation, saith *Lycosthenes*, and *Prætorius*. Great Inundation? That is but a little Word: a Dire Inundation of 32. Miles, Men and Cattle innumerable swept away, in the Kingdom of *Naples*, *Quarto*, *Kal. Nov.*  $\hbar$  and  $\mathfrak{U}$  10. grad. distance; a Dire Congress, and a Dire Effect. The Partile of this  $\delta$  happened about  $\mathfrak{X}$  11. *Febr.* 1524. I would this were the only Dire Effect that belongs to our Aspect; my Fears have not been vain, we shall not find it so.

§ 36. The next Partil  $\delta$  falls in *Sept.* 1544. about the end of  $\mathfrak{m}$ . Now, whether 1543. shew us a Comet, or anything like it (for by our Principles we are indifferent) will be seen from *Lycosthenes*, followed by *Sennert* and *Framond*, who tell us that IV. *Nonas Masi* in the *Marquisate* of *Baden* was seen, *hor. 4. P. M.* A Fiery business as big as a Millstone; the Tail of which, (or some other Meteor so call'd) descended, and swoop'd up a

up a River; the likelihood of which descent, *Senliger* is call'd in to attest, *Exerc.* 79. the Reader sees we acquiesce with *Lubienec*, and while we stand not for the strict acceptation of the Word, but a remarkable effect we think must be own'd by some Cause or other, the Distance within bounds of h and  $\nu$ , are  $\approx 20.$  m 16. And by the way, Comets and Fiery Meteors are cognate.

§ 37. For  $A^{\circ}$  1535. if there were any Comet, as from *Rockenbach* they take it up, and *Hewelius* brings somewhat of confirmation from *Camerrarius*, I shall not stand upon it, seeing it seems to be like the precedent with the Story of *Ignis Cadens*, and no time is specified; but if there were, we have h and  $\nu$  in  $\pi$  will stand for Witnesses.

§ 38. So move we on to 1564. and its  $\delta$  of h and  $\nu$  in *April*,  $\S$  28. and here we meet a Comet on the Feast of *St. James*, *July* 25. no more is said of it.

§ 39. Another Step brings us to  $\delta$  h  $\nu$ ,  $A^{\circ}$  1583. in  $\pi$  22. the year 83. hath no Comet, but 82. fails us not. They give it out to be of immense Magnitude (they mean the Train) *May* 14. between *North* and *South* after  $\odot$  set; noted by *Tycho*, *Kepler*, &c. Its Train streamed before *Auriga's* Right and Left Shoulder, lasted from *May* 14. to 28. This Light being given us, we see its Original by its place in  $\pi$ , where  $\odot$  is with  $\varphi$  and  $\varphi$  both Retrograde near him, which we grieve not to acknowledge, have the most visible concern in that appearance; but yet, that h and  $\nu$  have also their share, appears; For it began precisely when the  $\nu$  was first conjoin'd to h, and lasted 15 days, say some, until the  $\nu$  came in  $\delta$  to h. Note we from *Mr. Cambden's Eliz.* that this Comet was attended with a Desperate Tempest, not only of Thunders and Storms, but of Hail 3 Inches about, some Stones being form'd Star-fashion, or like the Rowls of Spurs, a rarity from h and  $\nu$ 's Anvil.

§ 40. So, at last we are entred into our Century, now current, in good time, for now we are come into  $\delta$  h and  $\nu$ , and a Comet, *Octob.* 1.  $A^{\circ}$  1604. Yea, and that Comet predicted by some *Arab*, upon the account of the Conjunction; and of this *Kepler* in his *Discourse* of the New Star, is a competent Witness, who tells that many *Astrologers* with *Herlicius* foretold this Phenomenon. And have they not Reason? Hath any great  $\delta$  as yet mis'd for the space of a 100 years? This is the 6th.  $\delta$ , of which not above one that hath flinched, but brought forth according to expectation. For we have precluded the Objection from a new Star before, which if it be, the Argument is the Stronger, and the Theory more ennobled, if even this Novelty depend on a Planetary Aspect. A New Star is more than a Comet; for a New Star before is *Ethereal*, and so the Comets are *Sublunar*. We know right well, that this New Star has bin produced already under the Configuration of  $\nu$   $\delta$ , and we might vapour of such a Phenomenon, which began on a  $\delta$  of h  $\delta$ , *Sept.* 2. By a good token that a Gentleman given to *Meteorology*, looking on the two Stars in  $\delta$ , saw three; so near was the Effect to the Cause; but at no hand must a great  $\delta$  exclude a greater; h and  $\delta$  are in Partile  $\delta$ , h and  $\nu$  were within X. degrees: so h  $\nu$   $\delta$  were all three in the same Sign to evidence the Astrological Conclusion: The Triple  $\delta$  is a Triple Chord; 'tis three Witnesses. Have we not met the like before, a Comet imputed to the Three Superiours in  $\S$ ? How Potent is the Heavenly Militia! This Comet was among the *Fixed*, as appears from the immobility, seeing it budges not, at least from its first Distance, in respect of the Stars in *Ophiuchus's* Leg and Foot; from whence it appears, that if the Planets can reach to the Seat of the Fixt upward, then they may reach to our *Sublunar* World; There, lying in the Midway, may receive the In-

fluence, as in a *Racket*, and send it down to the Subter-Ætherial Globe; but This by the way. Let us enquire how long this New Star lasted? At what time it was extinguish'd? A year, besure, That is agreed on; and *Octob.* day 8. *A°* 1605. saw it. The Truth is, we would have it so; yet after that, there is little News of it: It decreased too fast; *Three* Planets produce it; but *Two*,  $\eta$  and  $\mu$  help to continue it, possibly to the end of the year; but its *Quincunx* is not yet spun out till then. In *March* after, for certain, there was no such appearance.

§ 41. How *Signal* is our Conjunction! How much concerned! At whose expiring, a Comet expired. Hence comes that memorable Note of *Kepler*, as *Ricciolus* justly call's it, that *Every Planet in the Heavens made their Transit by this Comet before it was extinguish'd*;  $\mu$  and  $\delta$  dwelt with it in its Cradle, and  $\eta$  for two Months together: All help, but we see who are the Principal.

§ 42. Yea, but do you hear, saith *Ricciolus*, *Lib. 8. § 2. c. 18.* how many *Objections* lye against the *Opinions* of the *Arabs*? Not one, I hope, as we have stated it. Yes, First, saith he, *How many Conjunctions have passed us without any New Stars?* 'Twas but one, saith he, viz. that in the year 1604. answered the Prediction, but one event fortunate, cannot make a Fixed Rule. Right, but what means *One* only event? Did the *Arabian Sages* Found their Rule upon that of 1604. who liv'd some of them above a thousand years before? No question they observed themselves, or had observed to their hand, many such an Attendant on the  $\delta$  of  $\eta$  and  $\mu$ . *Mollerus* and *Crabb*, were not such *Osers* to predict a New Star 1604. unless back't by some *Tradition* or precedent Experiment. 2ly. *Osiander* hath seen plentifully that there is scarce a  $\delta$   $\eta$  and  $\mu$  since 150. but hath brought its Meteor; to say nothing of  $\eta$  and  $\delta$ , or  $\mu$  and  $\eta$  before produced: And therefore we give the *Poet* leave, cry'd up by *Kepler*, *Ricciolus* and others, to call us *Astrologasters*; but by his leave, we do not in this case tell a 1000 Lyes to one Truth, we appeal to Consideration.

§ 43. Here my Zeal forced me to look back on the former Centuries, by the excellent Table of the Great Conjunctions from the beginning in *Ricciolus*, *Lib. 7.* And there I find *A°* 1464.  $\delta$  in  $\times$  11. attended with a Comet; A Comet, *A°* 1463. Another on the very year 1444. the  $\delta$  in  $\odot$ , the Comet in  $\Delta$ , and when? at the day of the *Solstice*; so  $\eta$   $\mu$   $\odot$ , &c. were in the *Scrape*; The  $\delta$  *A°* 1405. in  $\times$  2. was beset with Comets 1403. and 1407. That of 1365. in  $\triangle$ , was *squired* in by a Comet on *March* the 11. lasted above 5 Weeks. That in 1345. in  $\approx$ , attended by a Comet in *Aug.* and lasted two Months. That of 1306. may bring three for all as I know. One *A°* 1304. 1305. which was *Horrendæ magnitudinis*, saith *Hewelius*; And another, 1307. and 1286. brought one about 1284. — The  $\delta$  1266. was *squired* in by one of 1264. and  $\delta$  1246. with one 1245. And let this be enough, unless the Reader hath a Thirst to look to our Saviours time; and Lo! we were of the same mind, comprizing all the *Conjunctional* and *Cometical* years as they are recorded.



A Table of Comets which have happened On, or within the Verge of  $\delta$  h  $\mathcal{U}$  since the Incarnation.

Anni Christ.	Anni Comet.	Anni Christ.	Anni Comet.	Anni Christ.	Anni Comet.
15	14	1107	1106 $\varphi$ .	1504	1505
55	54 $\times$ $\mathcal{V}$ .	1147	1145 $\delta$ .		1506 $\delta$ .
75	76 $\mathcal{Z}$		1146 $\delta$ .	1524	1521
214	218	1167	1165. fin. C.		1522
333	335 $\mathcal{M}$ .		1168 $\varphi$ .		1523 $\times$ .
373	370 $\mathcal{Z}$ $\varphi$ .	1226	1223 $\varphi$ .		1526
393	392 $\mathcal{M}$ .	1246	1245 $\mathcal{M}$ fin.	1544	1541
	396	1266	1264 $\mathcal{V}$ pr.		1542 m.
412	409 five $\delta$ .		1267 $\Pi$ .		1543
	413		1268		Eod. Anno $\delta$ .
532	531 $\Pi$ .	1286	1284 $\varphi$ pr.	1564	1568
571	570 $\triangle$ .		1304 $\triangle$ pr.	1583	1582 $\times$ .
611	613. $\times$ $\mathcal{V}$ .	1306	1305 $\triangle$ .		1585 }
684	683 m.		1307 $\triangle$ .	1603	1600
730	729 $\times$ .	1345	1347 $\mathcal{V}$ .		Eod. anno $\mathcal{Z}$ .
750	749 fin.	1365	1362 $\triangle$ pr.	1623	1625 $\mathcal{A}$ fin.
829	830 $\mathcal{A}$ .	1385	1382 $\Pi$ .	1643	1647
869	868 $\mathcal{Z}$ .	1405	1403 $\mathcal{M}$ .		1661
908	Eod. anno $\mathcal{V}$ .		1407 $\times$ .	1663	1664 $\mathcal{Z}$ .
928	930 $\mathcal{Z}$ fin.	1425	1426 m.		1665 }
948	945 $\mathcal{A}$ .	1444	Eod. anno $\delta$ .		1680
1008	1005 five	1464	1463 $\times$ .	1683	1682 $\mathcal{A}$ .
	1009 $\mathcal{A}$ .				
1028	1027				
	1031				

Which Table proves more fortunately favouring our Principles, then could be expected: for seldom do we find the Comet or New Star appear on the precise year, as it happened  $\mathcal{A}^{\circ}$  1603. but a year or two before or after; where h and  $\mathcal{U}$  are half a Sign distant; yea, and sometimes more, as we have said; and could prove even from the Table; but even Good way is tedious, if the Miles be long. And note, I pray, how justly wellstated the Question with the dis-junctive, Consequent or Concomitant. For the years Precedent are too often found furnished with a Blaze of a Meteor, as well as the Consequent, that we may safely aver there is foundation in Nature for such appearance so circumstantiated. And don't let pass those years which repeat their Effects in the same kind, seeming as it were, 3 years together sometimes, and lying Fallow at other times. The  $\delta$   $\mathcal{A}^{\circ}$  1306. is own'd by the years 1304. 1305. 1307. The  $\delta$  1524. is alike owned by the bright Issues of 1522. 1523. 1526. Just as in our own time, the  $\delta$  1663. is own'd by 1661. 1664. 1665. Hence we see what the Arabians must mean: They could not intend their prediction from the precise year, since we find no such Instance from the time that they flourish'd. For after Ptolemies Quadripartite was by the command of the Saracen King turn'd into Arabic, then we hear of Messabala and Albategnius,  $\mathcal{A}^{\circ}$  889. and Alfraganus,  $\mathcal{A}^{\circ}$  950. Haly,  $\mathcal{A}^{\circ}$  956. Alphard, 980. Haly Aben Rodaan, 1024. Alkindus, 1100. Alpetrag. 1149. Albumazar, 1166. whose years I have

I have set down, that we may see what were those very Comets observed by the *Arabians*, every man in his day; upon which they founded their (I think I may call it) *Excellent Rule*, so that I wondred that the Learned *Ricciolus* should tell us but of one Instance; who gives us a *Catalogue* of all Comets; and a *Chronological Table* of Astrologers; by comparison of which his own Works, he might have inform'd himself better. But great Men who sail with the Stream, have no appetite to any thing that is *light* Astrology, though in it self never so Noble; though it give account of such Arcana they confess they *despair* to find out.

§ 45. His next Argument proceeds not so much against the *Thesis*, that the *Great Conjunctions* are *productive* of *New Stars*, as against the *pretended* method of Predictions, the *time* or *place* of the appearance, by the Observation of the degree of the Zodiac and the precise Day; But the precise day is not yet agreed on, some approaching sooner, some later, as in 1603. there was observed among the Mathematicians near a fortnights difference. All this we know to be true, and the vanity of the *Arabs* was to talk of Degrees and Minutes, forsooth, in cases where there is no necessity, as we see it usual with them in *Prognosticks* of *Rain*, when they would be thought *not to say nothing*; They propose Methods Nice and Scrupulous, which it may be they scarce believe themselves; I am sure can never be made out. But what is this to the *Thesis*? The Conjunction may be a Cause of an effect, though we know not when that Cause will be produced to *act*. Not that I deny that Comets may be *predicted* to a *Month*, yea a *Day*; why not as well as an *Earthquake*? But then 'tis by Christian, not *Arabick* Method; by considering the *Rest* how they fall in with the *Grandeas* Aspected, contributing each One their share to the common Product.

§ 56. The *third* thing. An Aspect of  $\hbar$  and  $\mathfrak{z}$  cannot produce a New Star, because the Aspect is only *comparative*, and in *relation* to *us* upon Earth; It is not *absolute* in its self, nor in Relation to the Fixed Stars; for in such relation  $\hbar$  and  $\mathfrak{z}$  are *always* in  $\delta$ , seeming in a right Line drawn through their Centres, wheresoever they are, will *terminate* on some part of the Firmament; and so there must be Comets *everlasting*. *Answer*, this Argument proves that no Aspect in the Heavens can produce either Wind, or Clouds, or Showrs of Rain; no, nor the very *New*  $\mathfrak{z}$ ; for the Conjunction of  $\odot$  and  $\mathfrak{z}$  is an Aspect only in reference to *us*, not in its self, nor in respect of the Fixed. *Why* is it not in its self? Is there no *Specialty* upon a *perpendicular* Ray terminated on the Earth, and thereby redoubled? Is there no difference of the Angle of *Incidence*, though it make *Summer* and *Winter*? A Line drawn through two Planets, place them where you will, terminates on the Firmament for one extreme; but shall it terminate on the Earth for the other? But the Argument strikes at the *Doctrine* of Aspects in *general*, which stand as sure as Philosophy and Geometry can make them. An Aspect is *somewhat* in comparison to *us*, 'Tis *nothing* in its self saith he: A meer Fallacy. For though for Examples sake, a Solar Eclipse be nothing in its self, since all its deficiency is *quoad nos*; and so the distinction may be allowed; Yet the *membra dividenda* may sometimes tumble in *One Belly*. Some things there are that challenge *both*; the New  $\mathfrak{z}$  is dark *quoad nos*, the Full  $\mathfrak{z}$  is *Lucid in se*, & *quoad nos* also. For what doth This make of *Us*, or the Earthly Globe? (I speak not to the Learned Opponent, but to the Argument, which is a *Copernican Subtily*, to say the best.) Was not the Universe Celestial made for *Us*? I know how indifferent the *Copernicans* are; but I ask my self, was not Heaven, and All that is therein, made for *Mans* benefit? The Zodiack, I hope, was; I speak according to their own Sentiments; How came

came the Lumpiſh Earth to deſcribe it ſo exactly? Was it not for the benefit of its Inhabitants? Planets placed where you will, have Influence, but not Influence of Aspects. The One is General, the Other Special; by the *General* they illuſtrate and Cherish; by the *Special* they moderate the Seasons of the year, and qualifie the Days, preſenting Ordinary and Extraordinary Meteors according to the Law of the firſt Mover.

§ 47. The laſt and beſt Argument ſpeaks thus,  $\mu$  and  $\eta$  cannot be the Progenitors of that Star which is bigger then themſelves: but the New Star 1603. was bigger than  $\mu$  by much; the *Minor* is confirmed from the great diſtance of the place from whence it ſhone, even the Firmament far above  $\mu$  and  $\eta$ . But the apparent Magnitude ſeeming to equal  $\mu$ , it is known it muſt be in it ſelf much bigger. I anſwer, the Argument ſmells well of Learning and Reaſon, and deſerves a fair aſſent, or a fair Solution: and this we take to be ſuch, while we give two Reaſons: Firſt, that  $\eta$  and  $\mu$  are intended not for the ſole Progenitors of the Star, but only the more notable, or Eminent Contributors toward the ſame: for who can exclude the Sun? Who,  $\delta$   $\varphi$   $\varpi$  or  $\gamma$  it ſelf? In Branching Comets 'tis clear the Sun hath to do; by the *Projection* of the Tail therefrom. We have heard ſomething of the Reſt alſo, having ſeen Comets appear at the Triple  $\delta$  of  $\eta$   $\mu$   $\delta$  in that great year 1524. when the  $\gamma$  in 30 hours ſpace made her Tranſit through them all, the like whereof, ſaith *Kepler*, perhaps was never known; and we preſume the *Arabians* did not deny ſuch explication of their mind. But 2<sup>ly</sup>. we have a greater Réſerve; To the Erratick, we add All the Fixed that are affected by ſuch Erraticks; and how many Theſe are within the Zodiack, our former Diſcourſes adventure to ſhew; the Fixed are quite other things, plainly *Immense* Globes of Light, ſhining with their own Native Flame, and big enough, upon irritation of the Planets, which is always neceſſary, to make Stars as great as themſelves; *Thousands* can make a product equal to any *Singular*; more muſt not be ſaid in this place, but the very *Roving* of the Comets ſhew the one, and the *Fixedneſs* alſo infers the ſame. The New-Star does not *Budge* from the Stars in *Ophiuchus*, It argues their intimate connexion. Shew me a New Fixed Star in a bare place, and we ſhall demurr: but that in 1572. was not; nor that in 1603.

§ 48. There remains no more to be ſaid on this head I take it; for to meddle with the  $\delta$   $\eta$   $\mu$ , which are call'd *Maxime*, and the Diſtinctions of the *Fiery*, *Watry*, &c. *Trigons*, performed in 794 years ſpace, with the Great Mutations of the World, pretended to be introduced thereby. The Foyle of our great Sire; The Days of *Enoch*; The Flood; The Law of *Moses*; The Foundation of *Rome*; our Bleſſed Saviour; *Charlemaign*, &c. as they ſeem to be fine Speculations exhibited after the *Arabians* had muſter'd ſome ſuch obſervables in *Kepler* and *Ricciolus*; I do with all deliberation leave them as I found them, in as much as my ambition is rather to contribute a Mite toward the advancement of the *Celeſtial* Philoſophy, and the Student whatſoever, who ſhall think fit to take ſo uſeful a Theory into his *Encyclopædy*: On which account I liſt not to enter a diſpute, or to paſs my Judgement of the Star at the Epiphany of our Lord, though *Kepler* fixed it upon a  $\delta$  of  $\eta$   $\mu$ . *de Nova Stella*. My Employ is about matter great enough for my undertaking, without Soaring ſo high as *Alliaco* and other Profeſſors.

§ 49. With what face can an *Aſtrologer*, who lately contended for Drought, now talk of Floods, but we have ſaid 'tis no contradiction, for the rule *iſdem, quâ idem*.—But now the caſe is altered; and you will pleaſe to remember the Oracles which ſpoke of Droughts, mentions Floods



also. We have been dipt in Floods before, but there is no avoiding them: They return upon us again in the name of  $\delta$   $\hbar$   $\mathcal{V}$ .

The First Flood we find is in the Kingdom of *Naples*, usher'd in, as *Junefine* will have it, by a Comet, *V. Kal. Nov.* 1523. the Flood it seems following the Summer after, 1524. in which time the Summer being full of Cataracts, as *Alsted* hath it, a dire Inundation reach'd and made Havock of Houses, Villages, Men, Cattle, as far as the reach of 32. *Italian* Miles. *Lycosth.* and others. The Constitution of the Summer so Violent and so portracted, shews a Commensurate Cause, which can be no other but the Long-Spun Aspect of  $\hbar$  and  $\mathcal{V}$ , with the Hits of the Rest. For in *August* they lye within 20 degrees one of the other. In *June* but 15. in both distances apt enough; though a good Diary of that Drowning Summer would be worth Money.

§ 50. *A.* 1534. *Lyc.* notes Floods in *Poland* (he notes the same thing twice, I suppose, p. 553. 555.) In the later page he takes notice that All *Europe* beside labour'd under Drought. *Inund. Max. fuisse Ceteris terris per Europam arefcentibm.* Not unlikely this, for  $\mathcal{V}$  is oppos'd to  $\hbar$  in in such a *qu.* that it may bring forth a Drought, that is out of question with us) that this Drought may not in some places obtain, is as unquestionable with Observers: Now the others may believe what the Learned say in this Matter, that a Drought in some places is a Sign of a Tempest in another; more especially a *rapid*, not a *temperate* Drought: So much may places differ. Now this, you must know is an  $\mathcal{S}$ .

But the same Author reports before, Dire Inundations, as he calls them, in *Flanders*, about *Antwerp*, &c. *A.* 1533.  $\hbar$  in *fine*  $\mathcal{S}$ ;  $\mathcal{V}$  in *princ.* he is not distinct for the time, I fix it on *Dec.* for I am loath to lose it. Not only difference of Clime, but difference of Position changes the Influence. And the Truth is, Drought is the natural product of this Aspect for many days. Floods from Rain excessive, or Hail, are but the Exacerbations, as we have said, of Nature, caused not from our Planets, but by the mixture of such Potent Influences with others set and prepared for such Effect; whereupon give me leave to note the One as well as the Other,  $\mathcal{S}$  as well as  $\delta$ , as they take place; or behold the next Opposition of our Planets newly entred. *Peucer* tells us that there was such a Drought after the end of *Aug.* that very Ponds were dry'd up, and the Fruits of the Earth mourned, p. 382. He imputes it (Good Man) to the Solar Eclipse, *Aug.* 31. *A.* 1551. But it were worth knowledge whether the Drought was not *extra suas causas*, before the Eclipse; if but a day or two before, 'tis enough; for whatsoever *Cardan* somewhere fancies, that such Effects may anticipate their Causes, Credulity it self cannot believe it; Though it be then the ingress of of our Aspect this year, yet 'tis *January* following 1552. we hear of many Floods, *Lycosth.* and it was day *Jan.* 12. saith *Gemma.* Floods in *January* may come by a Wet Weather, or by Snows dissolv'd. True, but excess of Wet and Floods come not, no not in Winter without some Exterieur Cause, or Conspiracy of Causes: Conspiracies said I? I look'd upon the Ephemeris, and I found the Luck of my Expression; for here, if ever, there was a Conspiracy of  $\odot$   $\mathcal{S}$   $\mathcal{V}$   $\delta$  All in  $\mathcal{V}$ , and  $\mathcal{V}$  in  $\mathcal{S}$ . All the Inferiours engaged against  $\mathcal{V}$ , whose Moisture, while he resists, he enforceth or increaseth. Now, if these be allowed of one hand opposing  $\mathcal{V}$ , then  $\hbar$  must be allowed on the other hand, lying at the same Posture and Distance on his side, as  $\delta$   $\odot$   $\mathcal{S}$   $\mathcal{V}$  do on theirs. Nay, if you here confesse five of the Planets, you must confesse the Rest. For  $\mathcal{V}$  is, 'tis true, Superiour, but  $\hbar$  is Higher. See the Truth of our Pretensions,  $\hbar$   $\mathcal{V}$  of themselves cause Drought, mix'd and engag'd over Head and Ears, cause Floods.

§ 51. I cannot in conscience call for those manifest Overflows which happen'd at *Whitsonide* the precedent year, which *Stanhus* says, *Non sine lacrymis vidimus*, though I do believe  $\eta$  and  $\nu$  in immediate Signs, even beyond a *Quincunx*, profess their inclinations: but the distance is too wide, nor is it our interest to prove our Planets to have a Natural tendency to such Excesses: yet because the Reports are so large, p. 613, 614. we refer them to the  $\phi$   $\eta$   $\delta$  in  $\alpha$  and  $\pi$ , and to the Planets in  $\mathfrak{S}$ , in  $\mathfrak{S}$  I say, of which  $\nu$  is the chief.

§ 52. I need not force in any Instances, the *Rhine* will bear Witness, A° 1553, June 19. to such Excesses, endamaging all the Cities, I think, (for they say, They were infinite) that are situate near its noble Stream. Take Notice if you please of  $\nu$  and  $\mathfrak{S}$ 's Congress, but withal note that  $\nu$  and  $\eta$  are in Oppositional *Quincunx*,  $\alpha$  4.  $\times$  4. *Lycosth.* 616. Yea, in Aug. A° 1552. *Die 13. Budissina*, *Peucer's* Native Country felt the smart of a Cataract; they call it a piece of a Cloud, a Spout they would say, that drown'd all for the space of 2 miles, with 30 men lost, *Peucer*, p. 340. A strong  $\phi$  of  $\eta$  and  $\nu$  with other Planets to back him; or, (seeing we have heard of the Phrase before now) to make a Conspiracy. Sooner or later doth not vary the Species; a Spout there, is a Flood, which the Seamen describe to be a Cloud with a Tail like a Serpent, drawing the Waters in a Smoak or Mist; and wherever it falls, Wo to the Sea-farer, *Hakl. Vol. 2. p. 106.* One of these in Aug. XXVII. Another, *Octob. XX. p. 110.* In the First a Partil  $\phi$  of  $\eta$  and  $\nu$ ; in the second, X. degrees distance.

§ 53. A° 1564. Sept. 20. Our *Thames* overflowed, and drowned much Cattle. Let any man look into the Ephemeris, and take notice how many of the VII. are in  $\pi$ , IV. of VII. yea, or the 20. day, V. reckoning  $\nu$  to its opposite Sign. A notable Instance of what we have asserted about Equinoctial Tides, and the Raising of Water by Rarefaction, which our late ingenious Theorist of the Earth considered not, when concerning the Flood he affirmed there was no Water in Nature sufficient for it.

§ 54. A° 1565. in January and February, at *Lovain*, the River *Dilia* overflowed in that Prodigious Winter which scarce ended before April. The later of these, Febr. 11. did much harm, *Gem. 2. 42, 43.*  $\delta$  and  $\mathfrak{S}$  are in  $\delta$  we have said before; but so is  $\nu$  and  $\eta$ , which hath Influence not only on that over-long Winter, but also in the excess of Snow or Rain, according as they were provok'd.

§ 55. The next  $\phi$  lands us on 1573. in  $\mathfrak{S}$  and  $\pi$ , upon which account the years concerned are famous upon Record. Comets, Floods, Pests. Why, I tell you, the New Star in *Cassiopeia* as sure as you are there, is the Offspring of  $\eta$  and  $\nu$ . Let me dispatch the Floods, and I will prove it. But Oh the Floods! If it be but that at *Lovain*, Jan. 8. 1573. where the Waters rose upon the Thaw above 17. Cubits high; so described by *Gemma*, by ruining of Houses, Trees, Bridges, Mills, Pillars, Floating of Beds, Trunks, and all manner of House-hold Goods; Consternation and Shrieking of all Sorts and Sexes, that it brings a cold Steam upon the Heart of the Reader, so prodigious, that an Astrologer though he be, allowing the Snows and the Thaw, and all that, still wonders at the Cause, and offers at some *Fermentation* which he imagines to arise from the mixture of Snow-Water, &c. A Point which ought to be consider'd; but neither so was he yet satisfied; He might have been satisfied had he consider'd the pure fermenting Power of our Aspect, opened by the Appulse of  $\delta$  and  $\nu$  (for there was neither *Change* nor *Quarter* in respect of the Sun) if he had consider'd the *Reach* of our Aspect, which is confess'd in its Partile Estate to cause Floods and Inundations; which it concerns us to know,  
for

for the Relator himself was almost drowned, in common danger, though the Flood coming by day, God be thanked, not above 8 or 9 were lost.

§ 56. But there is more Wo yet. In the same year, and in Summer time, in the beginning of *July* it self, a Deluge happened not in one City or so, but the Country it self, *Holland* with *Friesland* were plagued; *Inaudita Glade*, *Gem. 2. 167.* where the Learned Man tells us that the New Star in *Cassiopeia* was at that time abated of its Greatness and Splendour, yea but  $\eta$  and  $\mu$  were under no abatement. They were in a  $\delta$  Partile not above a Month before: we must not dare to mention the Pleiades engaged between them. But so it was, whether our Planets signifie any thing or no, that we in *England* heard of a harmful Flood at *Tocester* by a Storm of Hail and Rain, *June 7.* which gives us a little tast what was the Constitution of the most part of *June*, which raised such Floods there, and elsewhere. Let the Reader be pleased to consider, and he will allow something to our Alms-Basket, especially when there comes a *3d.* or *4th.* Inundation in *West-Friesland* as rueful and as masterless. In the mean time let me tell him my Opinion, that these and other such like Attendants of the New Star are manifest Indications of its Nature Homogeneous to that of the Bearded Comet, which *will we, nil we*, are too oft attended only with such Retinue.

§ 57. We hear of no Floods till about the next  $\phi$ , which makes me remember that the  $\phi$  is better at such Tragical Sport, than the  $\delta$ , and first with our selves; *A<sup>o</sup> 1594.* we meet with Rain very sore for 14 hours, *April 11.* which is an unlucky Prologue to what we hear of *May 2.* great Water-Floods in *Sussex* and *Surrey*; *June* also being as much a Trespasser as *May*: Nor does it cease in *July*, though it please God to send a fine *August*. Both one and the other were the effect of our Aspect, even the Rain from  $\pi$  and  $\alpha$ ; as well as the fine Weather; (to see what Providence can do) though it return to its *wet* again the Month following, where we reckon a double Influx of  $\eta$  and  $\mu$ , yea, and of the rest too in their proportion, a generative Faculty of Wet, when all Requisites are supposed, and a Spirit communicated to that Wet, whereby the Moisture is *Proud* and Swelling, apt to clime and outrun its bounds; As the Bubble in a smart, and warm Showr, is a Sign of a Spirit which starts up, and carries with it a Film of Water Fatter than ordinary; Least any should say, that seeing we like *Gemma's* Philosophy of some Ferment in the Waters, we should therefore deny that our Planets were not contributors to the Moisture as well as the Tumor, which we must assert they do. But our Tres-Grand-Aspects are not so easily got off; for *A<sup>o</sup> 1595:* the Scene lies in *Germany*, the *Rhine*; the *Maes*, the *Meuse*, the *Neccar*, the *Danow*, all with one consent obey their Superiours, and make such Work about *Colen*, *Mentz*, *Francfort*, worse than they did *A<sup>o</sup> 1573.* of which before at *Louvain*, &c. Many Carcases here Floating, which we heard not in the former, the *Maes* in one Night swelling thirty Foot, and the *Rhine* thirty nine.

§ 58. And did I not say deservedly that these are GREAT Aspects? For I hope the Reader is almost convinced by this time. Are they not GREAT Bodies, and as Great CAUSES that move over our Heads? The effects of them are such that we should not believe them, though we saw them: as the Poet said of *Troy*, *Vitamque quamvis videat haud credit sibi potuisse vinci*: So Dire, so Amazing, that our *Infidel-Will* begins to question the Maker of All, as if he could not find in his Heart to be so extremely severe with his Sinful Creatures. It preaches to me a Religious sence of him that makes the Seven Stars, and *Orion*; yea,  $\eta$  and  $\mu$  also, and calleth for the Waters of the Sea, and poureth them out upon



upon the Face of the Earth, as the Prophet seasonably preacheth, if Floods be meant. I am concerned for my Neighbours of the Low-Countries: I have offered some *Items* before to take heed to the Heavens over their Head. For 'tis Childish to call a Noble Science Superstition, if it leads you to the Knowledge of the Creator; The Saints and Prophets of Old were not so peevish. We may safely go as far as they. Suppose they knew not the Niceties of the Microscope, and therein come short of us; They knew the Glories of the Fixed, and the Erratique, and therein they went beyond us.

§ 59. The next we meet in *princ.* 2, A° 1603. Here we gladly see that we find some respite. Except we shall go far toward *East-Indies*, as the Bay of *Antongil*, where Sir *J. Lawrence* and his Fleet Wintering, found A° 1601. &c. much Rain, and great Floods overflowing the Country. *Purch. Tom. 1. p. 101.* To the drinking of which Waters, he imputes the Flux that troubled his men, being not wholsom, as in most places, saith he, in those hot Countries: *h* and *u* are entred for *Jan.* and *Febr.* 1602. though *u* falls back afterward. It makes no noise to meet a high Tide, one or two, about this Winter with us. But will not a Spout be considerable? *Aug. 17.* a Whirlwind taking up the Sea, *Purch. 2. p. 813.* A Great Spout pouring out of the Heavens in the Island of *Malaca.* Or a Tide higher than in 40 years before, *Childrey* in the *Transactions*, page 2065. These are some Symptoms of our Dead-doing Influence, and we are glad we have no more to produce. This was the Conjunction.

§ 60. But the *φ* in *κ* and *π*, A° 1613. cannot wipe her Mouth, she is guilty on Record of what she cannot wash away, since in *Thuringia* chiefly; yea, and *Bohemia*, *Saxony*, *Austria* and *France*, the Corn was lost by Hail and Lightning, and many Inhabitants together with their Houses were lost, *Calvis.* This happened on *May 29.* while *h* and *u* were 15. *grad.* distant.

§ 61. This is for *Europe*, and A° 1613. But the *East-Indies*, A° 1614. in the Month of *Aug.* a greater Flood than has been seen in 29 years, which drave away Salt Hills and Towns, saith *Purchas*, and many 1000 of men and Cattle. The place is call'd *Narsa par Peta*, while a Neighbouring Town had about 4000 Houses wash'd away, the Stone-Bridges, as finely built as *Rocheſter-Bridge*, which were three Fathome high above Water, proved three Foot under, *Tom. 1. p. 326.* Hath *h* and *u* nothing to do in Floods, when 29 years ago, which must be 1585. there was a Flood, and a Congress of our great Celestials: and this years *August*, the *φ* lay but at XII. *grad.* distance.

§ 62. I have not been so punctual in describing Earthquakes, because I love not (whatsoever the Reader may miscollect) I delight not in the Raven-Notes that do befall Recitements at large of those Subjects which I am engaged to treat of; for Who desires to be reckoned a baleful inauspicious Bird? Only here in Floods I am the more particular, if by any means can I procure an awful Esteem, and not a slight contempt of the Divine Hand; yea, and if I might consult the Interest of Mankind, so far as these Papers will reach, to give them some little Glimpse or Insight into eminent Dangers; for though every Patient cannot be his own Physician, yet nothing hinders but that a Nurse by some Notes attentively hearkned to, may get some Skill in Medicine.

§ 63. I am weary of multiplying of Instances, and yet my Journeys end being in prospect, I cannot sit down. We have not heard much of the Diaries of our Century; Let us bring the Flood home to our Doors; Threescore years ago then, *Kepler* tells us of two Inundations of *Danow* within one Week of 1622. with the Bridge broke, and the same

hence again, in *June anni ejusd.* where Kepler recurs to his *Subterranean Cause*, thereby forsaking his better Principle. In *June* he refers it mostly to the supplies of the ☿, Five Lunar Oppositions happening within 24 hours. How manifestly doth he own the Planets Situate in a Posture easy to be irritated! Five of them within 20 degrees, All in ☿, amongst them as Supream, ♄ and ♃ gr. 15. Lo! what a shift the poor man is put into by his dis-lavcur to our Solid Principle. He found the whole year violent, and for the Solution of that Grand Problem, he is forced to bespeak his *Subterranean Cause*; without which (and that must last as long as he hath need of it, viz. the whole year) point blank he tells us the Constellations of Heaven could not effect so much. What a great Man had he bin, too great, if he had not humbled at this in his way? Oh! that I understood the Constellations as well as he did, the Motions, &c. But he proceeds, *Nihil hinc situm in Natura Signi*: There's nothing in the Sign; no, not in the Sign ☿. Let any man Judge, who hath attended to the mention of the Sign: If it comes in our way, we will again remember the Reader. In the mean time will not our Cause assigned which persevereth the whole year throughout in the Sight of all Men, answer better than a Cause in *Hugger-Mugger*, of which no man shall ever hope to give an account? I hope it will. But I must not dwell here; for—

64. The ☿, A° 1633. in ♈ and ♊, scapes not. *Kyriander* helps us here, April 24. 1633. *Grosse Gewasser*, saith the Dutch. But higher than that in the beginning of *October*, *Gewaltige Spring-fluten & Ergiessungen*, in *Holland* and *Zealand*. In the former year is grad. 6. distant. In the next grad. 24. distant, and withal ♃ in ☿. There we have met with Kepler already, who made us believe there was nothing in the Sign toward a Floud; when the the very next Instance tells us that there is *Gewaltige Spring-fluten*. We have but 3. or 4. more, and we have done.

65. What does 1642. the ☿ in ♋. A man would with ♄ and ♃ far enough (and they are of the farthest remote of all the Planets) if it be true what the Diary says, that on *November 14.* (*November* is a Flouding Month) *Um diese zeit in Hispanien am Fluß Ebro ein grosser regen und ergiessung einkommen daruber an die 4000. Soldaten elendiglicher offen*; And about the end of *November* from the River *Poo*, a terrible Inundation of Waters, wherein many Thousands of Men were drown'd, in *Italy*, *Kyr*. This *Kyriander* acknowledges to be from ☿ ♄ ♃ in ♋; so far he is an Astrologer. But what shall he do? The Partile ☿ comes not till *February* next year, Oh! but it is an Anticipation of ♄ and ♃, which Philosophy I have pityed already, not derided: for he who reads these Stories can be in no laughing Vein. My Heart aaked for fear I should meet more of these uneasy Narratives, and I Divine, I think, I should find the like in the *Netherlands*. Jan. 4. 1642. where the Diary tells us that such a Flouding time hath not been observed, as men judge for many 100 years before: whereby I believe they note the monstrousness of the Phenomenon? shall I call it, rather than consult the Universal History of the World; I have reason to believe our Reports to be as true, and may be as great, some of them; and how great in the mean while is the Cause, the Cause from whence they Spring? So that now our Heart is hardned, and we can take notice of a *Grosse Wasser*, yet again in *December*, 1643.

66. That ☿ in the next decade, 1653. brings no Flouds with it, unless you will reckon that in *Glostershire* at *Dodminton*, June 20. mention'd by Dr. *Childrey*, p. 66. for the Truth is, Those were dry Years; in which nothing hinders but there may be an Anomalous Floud, or Glut of Wet in some places, and I am glad of it.

§ 67. For all as I see, the 8 of 1663. is the like. I meet with Violences of Fiery Meteors, &c. but no Floods can I set Eyes on; if there be any, 'tis our Gain. If not, Admire with me the all-wise disposition of the Heavenly Motions, which are made not only to Punish at the time appointed, but sometimes to give us respite. 'Tis the Divine goodness to send no Floods, where he pleases to order a Pestilence. In wrath he remembers Mercy. Howbeit, my Diary, upon perusal, informs me that even there, A° 1663. May 5. There arose Floods at *Northampton*: A place it seems more apt for such Waters, than others. And see Febr. 28. 1673. we had News of great Floods at *Thoren*, (*Thuringia*) in *Germany* on the breaking up the Ice. But not only so. But in Summer, beside a Spout seen to break at *Harwich*, near *Land-guard-Fort*, Jan. 24. 1673. Floods for certain in *Oxfordshire*, and *Bristol*, not the like for many years, with great Loss, say my Observations. There remains but of That 1682. for whose sake we waded so far, or else we had let down our Sluces.

§ 68. The 8 of 1682. The First is from *Ireland*, Great Floods in most parts. This is Sept. 29. 1682. grad. 7. distant. 1/2 in S 17. to meet again with good *Kepler*, who was wiser. From *Weymouth* such a Flood that the Waves were scarce passable, Nov. 2. 1682. is where he was. Dec. 18. at *Dinnot* in *France*. Before that, from the *Hague*, Sea by a strong Wind broke the Banks, and laid 2400 Acres of Land under Water, Dec. 10. and from *Copenhagen*, the Sea by reason of a Storm, rose so high, that it is the Wonder of the Age, saith my Intelligence, and hath done great Harm. But this year being expired, I would the Aspect would be satisfied with this. Harken to the French Account. From *Bruxels*, This is but t'other day, Jan. 27. *St. Vet. Vingt cinq des principaux Villages de Flandre, ont esté submergez.* From *Amsterdam*, *Des dommages extraordinaires que les vents & les bordemens des eaux ont causez en Flandre, dans le Brabant, en Hollande & Zeelande. Quelques Uns assurent que ces dommages à nostre égard, montent à plus de cinquante Millions.* We can see only the Steeple (*le Clocher*) de la Ville de *Tolen*, de la ville de *Bommene*, &c. & c'est le plus triste spectacle qui se soit vu de puis plusieurs siècles. Where is 1/2, but in S, higher than he was before, nearer the Tropical Height, in S 11. before he was in S 17. In May our Domestique Intelligence tells us the Country is so floated there is no Travelling, no access to *London*; Travelling Coaches perished. At Deal the Sea overwhelmed the Banks, Drowned much Cattle, May 16. 1682. News also from *Scicily* of Torrents breaking down Trees, Villages destroyed by the Floods, May 28. *Gazet*, 1742. July 7. with us at *Shropshire*, much Dammage at a Village 7 Mile from *Boudley*, the Flood run in from Jan. 30. to July 4. the like not within Memory. Flood also 6 Mile from *Coventry*. In Aug. 18. there was a Water-Spout near *Harwich* in the Shape of the Monument at *London-Bridge*, mounting up in the Air, then fell down with a most incredible force, made the Sea smoke, *Thompson's* Intelligence. Yea, all the time of the Dreadful Adamant Frost, Remember, and Jan. 1683. & 84. 'Tis for certain by Merchants Letters, that there were great Rains and Floods in the *Guadalquivir*, the River in *Andalusia*.

§ 69. We shall now have done; for A° 1684. Sept. 10. we hear of Floods in *Leopol*, *Russia*. In Nov. 9. St. N. A Flood near the Isles of *Obeion*, *Rhee*, *Broage*, beyond Memory of Man, as we have it in the extraordinary Relation from *Germany*.

I acknowledge that there were strong Aspects heretofore noted, mix'd with our great 8 in some parts of this Drowning Season; but the Astrological Reader must do right, and with me acknowledge the Line of the 8 stretch'd over these 3 or 4 years. Those Countries therefore which shall



shall think it worth the while, must watch these great  $\delta$ s, and their Mixtures. Nor would it be an unwise part, if amongst other Learned Professors at the University of *Leyden*, or elsewhere, there were a meet maintainance order'd for a Professor of Astronomy, mixed with Astrology, if any should fancy such an Union of Science, to give some, it may be, more than probable warning of such Infamous Cataclysmes, Pictures, and Assurances of *Noah's Flood*, that at least the life of Thousands may be saved. For as I remember we had an account of twenty thousand Carcases, Wreck's of Mortality, Floating on the Remorseless Deep. Upon which account if it be Feasible, 'tis worth the while; but I must leave it to discretion. These Papers shew, I hope, that our Speculation is not a Vanity, since the Floods hold on, and keep pace from Month to Month, and from year to year, with our violent Conjunctions. Mark that. They hold and keep pace, starting out at their Opportunities in the Winters, yea in the Summers. I do acknowledge there may be Floods when our Aspect is dissolved, as we have admonished sufficiently before. But I deny that there can be shewn any such Infamous Years together for Frequency of Floods, as this and some others precedent, unless under our prodigious Configuration.

§ 70. Now whereas my kind Reader may, I confess, with blushing, justly censure me tedious, I must not make an Apology, because it increases the *Tedium*, I tell them one only, I was shorter in the Comets, for if the same right had been done to this Aspect there, we should have found as many blazing under the  $\phi$  as we have done under the  $\delta$ : Comets under this  $\delta$ , if the  $\phi$  be consulted, will double the Number.

*Terra Motus, & Vulcano's, or Fiery Meteors.*

§ 71. We join them together because of their known *Affinity*, as hath been said, whether they belong to  $\delta$  or  $\phi$ . And let no man think we have *Earthquakes* to present every *New-Year*, as every New year, almost, hath its *Distemper*. Nay, God be thanked, Earthquakes grow not so common; neither can they be expected here under this Aspect (which returns between  $\delta$  and  $\phi$  in their Partile *Acme*) but every 10 year. They which will hear more of these Dire Agitations of the Earth, must return to  $\eta$  and  $\delta$  —  $\mu$  and  $\delta$ , — which have their special Table of such great Accidents, where  $\eta$  and  $\mu$  stand unconcern'd oft-times, as to their  $\delta$  or  $\phi$ .

§ 72. They, who will create to themselves an *Awful* Idea of this matter, which we labour to beget in our Celestial Theorist, may be pleased to mind these great Effects, and shew them to the next concourse of People, like Monsters fetch'd from the further parts of the Earth for our Admiration. Nothing so *dire* is there, which doth not by frequency become *Familiar*, and carelessly regarded, by a *Reader* especially. Though we therefore present but one Species here, yet, if the Grand Effects be but mixed I say, and consider'd together, an Earthquake *here*, an Inundation there, a Pestilence *yonder*, a Hurricane *elsewhere*, and some more frightful Appearances; all taking their Essence and Existence from the Celestial Influence, especially our Superiours,  $\eta$  and  $\delta$  —  $\mu$  and  $\phi$  —  $\eta$  and  $\mu$ , whose very Names we repeat with some Awe, as they bear Relation to the Glorious God, we may possibly think with the Christian Astrologer, that they are indeed, *great* Names, answerable to their Stupendious Bulk and Influence. I have heretofore hinted thus much, and I love it:  $\eta$  is agreed to be the high Planet of the VII. Consider him not, I beseech you, according to his *simple* Character of a *Sicle* [ $\eta$ ] for what is he then

then but a *Fiction*? which according to the dead Description of an *Old decrepit* Greybeard, is *innocent*, because of his Weakness and Distance: For I do not find but his Distance argues his Greatness, his *Exaltation* rather than *Remove*, as Potent as if he were *nearer* the Heavens, the further he lyes from us. And of great Influence upon Earthquakes, even without & Aspected.—h and ☉ I cannot but observe do shew How weak the Globe of the Earth is in their Hands, at least, as to its parts, whether *One* or *both* can turn the Earth round by its Beams, as the *Copernican* teacher, I cannot say, but the parts of the Earth are in the Power of the Sun, &c. and h too, to move and shake, and *shog* them at their Pleasure.

§ 73. Begin we then with a *Vulcan*, *Ternate* Island is such, *A* 1511. It Flames often, *Purch.* p. 168. 182. We find ☐ h &, but This is but a *Trine*.

1516. Earthquake is noted with a Comet, *Rockenbach*. Now if it happened in the first IV. Months of the year, we have h and & (the excess allowed) to answer it.

1523. Earthquake in *Autumne*, after a Comet again, and a *walshing* Summer. *Lycofth*, ☌ in ☐ fine, & princ.

1533. *Nov.* 26. The River *Sitter* damm'd up by the Fall of a Mountain into the Stream, ☌ in *Tropic* Signs.

1536. *Aetna* flamed a whole year. *Chronol.* Account in the *Transactions*, Vol. 4. 968. h & in ☌ & for *January* and *February*, continued by h and ☌, *Lyc.* notes it on *April* 1.

1538. *Sept.* 27, 28, 29. Terrible Tumours of the Earth, Fires break forth near *Averno* in Italy. But this is a ☐ in *Cardinal* Signs.

1542. After ☌ h ☌, saith *Eichstad*, T. M. at *Constantinople*. The ☌ was double; the *First* at *February's* beginning, the *Last* at the end of *May*. Both in m. If the T. M. happened in *September*; yea, if after *June*, as it seems not much sooner by *Eichstad's* Words, *Post Conjunctionem*. We can produce ☌ h & with, or without Allowance.

1552. *Sept.* 16. *Basil* shook a little, hora 6. P. M. *Lycofth.* ☌ in ☌ and ☐. *Eodem Anno*, In *Misnia*, and other places in *Germany*, *Idem*.

Before this, *April* 20. The Tract of *German Hills* call'd the *Sudetes*, *Lycofth.* With allowance it holds.

1553. *Aug.* 17. Along the River *Elbe*, a great T. M. falls in the Mouth of a Partile ☌ in ☌ m.

1554. *March* 21. Midnight, cum tremore mugitus ingens, ac velut abe-nus clangor multorum Curruum, qui concitato agmine preterirent, *Gemma*, 2723.

Another, *March* 22. hor. 4. P. M. *Bis valide subsiliente Solo*.

A Third, stronger yet, *April* 30. hor. 5. P. M. At *Lovain* All three. All the Planets (as *Gemma* observes) and I could not but observe, were in the end of ☌, near the *Equinox*, and & in the ☌. That we regard at present, is only our ☌.—And those who have a kindness for the Partile ☌ rather than the Platique, will think it credible, when they shall see the third Earthquake on *April* 30. to happen on that nice Point about the end of ☌ and m.

1563. *January* 17. At *Lovain*, an Earthquake, which *Gemma* says, he foretold, by a long streak under the ☉ on *Christmas* day, and such like fancies. But I rather should fancy, besides an ☌ of &, and ☌ in *Tropical* Signs, a ☌ of our Superiours in II and ☌, even the same, which about a week before, caused the *Hurricane* and *Lightning* in *Leicester*, as *Stow* and *Hollinshead* tell us, overthrew Houses, &c.

*Nov.* 29, Midnight, a Light from *Hecla*; an hour after the whole Island trembled as if it should have been mov'd out of its place. A

horrible noise of Ordinance, incredible, &c. we thought the whole Frame of the World would fall. The Sea went back two Leagues, and remained Dry, *Purch.* III. 648. h and u (Hear me) are close together, in the beginning of  $\Delta$ . We have noted elsewhere the Thunders at London of a Fort-nights continuance, before the Winter Tropick. It may well Thunder in England, if the Earth quake in Island, as we elsewhere note. We may see how far Northward the Planets can reach.

*Eodem Anno*; The Vulcano in Terra Del Fuego, had like to have burnt all the land, *Habl.* 448. Edit. 2.

1564. Aug. 20. About Evening in *Sophora*, Aliquot oppida cum Pagis vicinis absorpta sunt, adeo ut multa vestigia domorum extent. It lasted from Aug. 20. ad 6. Sept. *Garceus*. In the same year in *Slavonia* under the Dominion of the *Venetians*, the City *Catara*, June 6. was harrassed *Idem*. In the former, h and u in  $\Delta$ , dist. grad. 12. In the Later, in princ.  $\Delta$ , dist. grad. 6.

1569. May 14. Midnight, *Lovanii*, cum rauco murmure, who adds, that there are Spectres seen wandering in the Air. This is but a  $\square$  in  $\Delta$  and  $\nu$ :

1575. Febr. 26. Earthquake at *York*, *Bristol*, and *Gloucester*. Books fell down in Mens Studies; Bells toll'd, and Chimneys fell, *Stow.*  $\phi$  h u 7 10.  $\S$  o.

1581. April 21. at *Angoango*. See it before in u and  $\delta$ . Yet the two Superiours came under consideration, if our allowance be granted.

1582. February 5. T. M. in *Persia*,  $\equiv$  5. u,  $\times$  o. h.

*Eodem Anno*, An Earthquake, overthrew the whole City of *Arequipa*, *Acosta*, apud *Purch.* III. 941. See before in u  $\delta$ .

1583. July 30. At *Blackmore* in *Dorsetshire*, 3 Acres removed, *Stow.*  $\equiv$  27. u,  $\times$  8. h.

1601. Aug. 29. St. V. In *Germany*, *Italy*, *France*, *Asia*, South and North, almost throughout the World. u  $\odot$  in  $\pi$ , but h and u are not above 8 gr. in excess, *Keckerm.* apud *Fromond*.

1612. Nov. per mensem integrum, T. M. in *Westphalia*,  $\phi$  in  $\times$  and  $\pi$ , gr. 12. dist. *Calvisius* tells us of such a Stormy Christmas at Sea, that 60 Vessels perished in one Spanish Port, and above a 1000 Dead Carcasses found on Shore. They, who have not the Heart to ask what's the matter: If they will believe in our Aspect, may see God is visible in the Character of Nature.

1613. Zant, January 13. an Earthquake continued for 5 or 6 days together, *Coriat* apud *Purch.* II. pag. 1811.  $\phi$  in  $\pi$  and  $\times$ , gr. 11. dist. See, I pray, the Celestial Powers; there is but 8 grad. dist. between the last in November; and this in January.

1622. April 25. May 5. Terra fremittus in *Narico*, when two days before Pluit in *Misnia* scrupos Characteribus Plumatis, *Kepl.* ad Annum 1622. II 25. u,  $\S$  16. h.

1624. March 8. *Lincii*, Fama fuit de Terra Motu,  $\delta$  in  $\Delta$  gr. 8. dist. *Eodem*, July 19. S. N. *Rome*,  $\delta$  grad. 12. dist.

1615. February 12. St. V. Im Stiffte *Bamberg* ein gross erd-beben, *Kyr.* Imputed by *Kyriander* to  $\Delta$  h  $\delta$ , &c. All helps. But the two Superiours far within 30 grad. A Comet preceded in January, as *Kepler* notes, ad finem Anni:

1632. Octob. 7. *Vesuvius* near *Naples* flaming, *Kyr.* Octob. 18, 19, 20. Earthquake, with glowing Winds, most part of the Month, and Rain,  $\phi$  u and h Partile, with the *Pleiades*. *Kyriander* has got it by the end, to please himself and Us in declaring the Cause; and a man may swear it was the Cause, without danger of Perjury. It is a *Noverint universi per presentes*, as I use to call it, and a Flourish of an Astrological Character. The Transactions



- Transactions taking notice, that *Vesuvius* burn'd for several years in *January* 1633. where our  $\phi$  expires not: see *Vol. 4. 968.*
1634. *April 17.* St. V. There seems to be an Earthquake (*Erdlöden*) and the  $\phi$  of our Superiours in Tropic Signs, is much concerned.
1638. *March 17. ad 24.* Earthquake in *Calabria*, and Tempest of Thunder all the while. The Like Storms in *Nether Saxony*, day 5. and elsewhere, day 12. I thought fit to mark it upon the account also of the Partile  $\square$  of h u. Again, *Sept. 3.* Kyr. Upon the account of the same  $\square$  Plarick, *June 2.* terrible T. M. throughout *New England*, *Joselin.* 'Tis a bold word to say, I would be glad to see, Put all together, a greater Evidence for any Conclusion in Nature.
1641. *Octob. 16.* Stormy Winds and Earthquake, Kyr. refers it to a  $\square$  of u with  $\odot$  and  $\varphi$  conjoin'd, but our Superiours challenge their  $\square$ . having but 3 gr. excess.
1642. *Jan. 27.* Tempestuous, and a Specimen of an Earthquake, says Kyr. Our Superiours are got nearer,  $\approx 23. u, \times 12. h$ . Again, *March 31.* Earthquake in *Turino*, by the Station of  $\varphi$ , says Kyr. and an Aspect of  $\odot$  and h, but he takes no notice of  $\odot$  and  $\varphi$ , nor dreams he of our  $\delta, \times 7. u, 19. h$ . Again, *November 18.* Earthquake at *Francfort* on the *Main*, with other mischiefs done by Floods in the same Month. 'Tis an Anticipation, says Kyr. of h and u; yea, but he may know, they are but 9 grad. dist.
1643. *January 20. ad 24.* More Earthquake, and Earth-break, with mischief up and down, in Kyr. Our Superiours are but 3 gr. dist. but remember 'tis at the end of  $\times$ . *Anno Eodem. Sept. 2. ad 8.* Earthquake again, Kyr. refers it to an  $\phi$  of h  $\delta$  — h  $\varphi$  — h  $\odot$  — u  $\varphi$ . So do we heartily; but we also point to our two Superiours, found both planted in  $\nu$ .
1644. In *March*, at *Nissa de Provença*, *Ein Erd-heben*, Kyr.  $\delta u \varphi$ , but withal,  $\nu 10. h, \varphi 0. u$  within 20 degrees.
1658. Great Earthquake in *New-England*. Note, that if it happened in the last 6 Months, it found a  $\square$  of h and u in  $\$$  and  $\nu$ .
1662. *Jan. 26. & 28.* T. M. in *New-England*, 6 or 7 times in the space of 3 days,  $m 13. u, \times 4. h$ .
1663. Several Earthquakes this year in *New-England*,  $\delta h u$  in  $\tau$ .
1665. *January 19.* T. M. near *Oxford*. Transactions, p. 166.  $\nu 4. h, \approx 2. u$ .
1668. *April 3.* T. M. *New-England*, an exact Quartile of h and u.
1680. *Aug. 3.* St. N. T. M. not far from *Basil*, *Gazes of Rotterdam*,  $\pi 10. u, \$ 17. h$ .
- Aug. 16. Milain, T. M.* with Thunder and Lightning, wounded Six Persons, and kill'd an hundred. 'Tis h  $\delta$  and h u with excess of 2 degrees.
1681. *Jan. 3.* T. M. at *Wells* and other parts, with h  $\varphi$  Stationary, which is a u; or what you please.
- Die 27.* T. M. at *Basil*, the same with *February* the 8.
- February 3. & 7.* T. M. according to expectation. I must not say prediction.
- May 22.* T. M. *St. Johnstons*. Again.
- June 17.* *Ferraria*, T. M. which swallowed up Trees,  $\pi 29. u, \$ 23. h$ . But note, that h and u in  $\pi$  and  $\$$  posited, stands not upon Niceties; they can speak to one another, as if within Terms.
- Note again, that notwithstanding this and more Evidence that may be brought from the former Centuries, yet the Earthquake which was predicted, and happened according to expectation, was not produced on the account of the Two Superiours, but upon the Order and Position of the whole Septenary, which belongs to after-Speculation.

$\S$  74. Now let not the World admire and say, that I tell them a great deal of News; I arrogate it not to my self; for so old is this Doctrine,

that the Books are *not extant* which first taught it the World, as I after espied. And yet All this close observation of Earthquakes in the Tables precedent, especially this Later, may pass with favour, for a piece of a Commentary on that great Naturalist, whose Enquiry into *Earthquakes* cost him his Life. The Tenents of the *Babylonians*, saith he, do hold that Earthquakes are caused by the *Influence* of the Planets, *sed illorum Trium*, but especially of those Three who are the Procurers of Thunder. Lo you, they are our Three Superiours, *Saturn*, *Jove*, and *Mars*, *Lib. 2. cap. 79.* What News is it then to tell of *Saturn* and *Jove*,—*Jove* and *Mars*,—*Saturn* and *Mars*? The Planets which the old *Babylonians* did mean, or they meant nothing. For let any be pleased to survey our Tables of Earthquakes under *Saturn* and *Mars*,—*Jove* and *Mars*, laying *Pliny* before him, he shall forthwith be convinced; and how would he be overwhelmed with Evidence, if we were Masters of so much Chronology and Calculation Astronomical, as to name the first Earthquake from the *Floud*, and assign the Aspect; a Task which I have rendred the more easie, if it were to be expected, by *enlarging*, or rather vindicating the Dominion of the Aspect, of its own Nature so *enlarged*.

§ 75. These Earthquakes, says the Naturalist, are made by the presence of the Planets aforesaid with the Sun, or their Conjunction, or if you will, *Congruency*, because I suppose the Old *Babylonians* included the *Opposition*, to which our Tables bear plentiful Testimony. Now *This* chiefly, saith he, happens *Circa quadrata Mandi*. A great Note, and means nothing else but the *Cardinal* Signs near the *Tropick* and the *Equinox*. Who would not be proud to redeem such a glorious Truth from the Rubbish under which it hath bin buried so many thousand years in the neglected Fields of Antiquity? *Hippocrates* hath long ago given us the same Note about Sickness and Maladies, which the happy *Roman* Pen hath preserved to us about Earthquakes, and yet We love to be in the dark. *Gemma* saith the same of some Comets *circa Tropose Equinoctia* I. 112. and yet Astrologers forsooth speak not a Word of Sense. But to proceed, what he tells us from *Aristotle*, Earthquakes appear only in Calms, we don't find to be true in our *Northern* Regions, *Germany*, and the like. Nearer the *Mediterranean*, it may be true, with Regard to the Wind, though not with Regard to Lightning; it being agreed on as *Pliny* states the Question, *neque aliud in terreno Tremor quam in Nube Tonitruum*. Earthquakes and Thunders are near a Kin. For whereas they take it for certain, that *Winds* are the Cause of Earthquakes, they must mean *Spirits*; there is no other way to reconcile the Antients to Truth. But *Pliny* tells us further, that Earthquakes may be predicted. So they were, by *Anaximander* and *Pherecydes*. He means Predictions Philosophical, Conjectures taken from some certain Signs, and that, it may be, is easie in places that are Obnoxious thereto. But I don't hear any of his early *Chaldeans* have foretold it by Astrological Predictions, by Arguments taken from the Cause, though upon the Truth of their Principle, they might. He tells us in the next Chapter 80. of the Dire Effects, *Throwing down*, *Swallowing up*, *Raising Hills*, *Letting out Streams*, *Springing of Hot Baths*, *Retreats of the Ocean*; Of which our Tables are not silent, and might have made more Noise; but Then to let pass the admirable account he gives of the several Noises that are heard, according to the variety of the Event, he tells us that they are felt oftner in the *Night* time, then in the *Day*; yet sometimes at *Noon*. He mentions also *Morning* and *Evenings* for *Critical* Hours, all which strongly declare a *Celestial* cause. The *Sun* I mean, and *He*, you must know, is never without his Retinue. Consequently, he tells us that Earthquakes happen many times at *Eclipses*. And have  
not

not we prov'd that the Moon, New and Full, has Influence on Thunders Æthereal, Subterranean, &c. at which Congress, if Eclipses and Earthquakes be *more* noted, by so notable *consent* of Heaven and Earth, whence the Creator is more Illustrated, I reckon that That Providence hath its End.

§ 76. In the next Chapter 81, he tells us, that at Sea also they are sensible of Earthquakes, that they feel the Stroke. And where is it, that in the Collection of this Table, I meet with a Passage where a Ship in an Earthquake felt such an impulse, that they thought she had struck on ground; but when they heaved the Lead to explore the truth of their Suspicion, the Author says, they found no Bottom, *Purch. p.l. p. 105.*—How wide, yea, how *deep* is the Train laid in recesses of the Earth, which shall move a heavy dense Abyss, so quick, that it shall emulate the hardness of a Rock? What an Eruption would there have been, if it had been in *Sicca*, on a *dry* Surface? How strange, yea, how incomprehensible are the *penetrations* of the Celestial Influences! He tells us further of a certain Sign in the Air, when a thin Cloud in a Serene Sky shall be stretch'd to a vast space, the very Token by which *Gemma* predicted an Earthquake, as *Fromondus* also noteth; Where, though *Fromond*, perhaps justly, maketh slight of this Token, yet, this I can say upon Recollection of my self, that I, who perhaps have observed that Token as often as *Fromond*, do remember that there was more than ordinary to do among the Planets at such appearances, and so they may be reckon'd Signs *remote* and in-adequate, as the Eclipses are confess'd to be.

§ 77. In the 82. Chapter, letting pass several Considerations, for we write not a Treatise of this Subject; He tells us an Earthquake may last *Forty* days, nay some a year, yea two year throughout. The three Planets that the *Chaldeans* spoke of, may be twin'd together so long, ♄ and ♀ may, appears by their slow dis-engagements, and many times by their fresh returns before they are absolutely Dis-engaged.

§ 78. In the 83. Chapter, He tells us of Smoke and Fire starting out between two Mountains in *Mutina*, when *Martius* and *Julius* were Consuls; manifesting the Kindred between the Flaming, and the Quaking Mountain. See *Cap. 88.*

§ 79. To proceed, in the next Chapter 84. He informs us of *Inundations* and *Earthquakes* that they go together, even as it may be noted in *Aristotle* himself, which is no untruth, and may be proved from the Premises, whether the Inundation be as I may term it, *wet* or *dry*, caused by *Rain* and *Wind*, or by *Spirit* and *Inflation* only, As we have consider'd before, *when* we treated of the Rarefaction of the Watry Element, which in Flouds join'd with Earthquakes is most certain: and in Flouds in distant Countrys must be presumed in some Proportion, if not from the Heat below, at least by the Heats from above, whence the Sea is allowed to tumefie against every Storm, by the Influence of the ☿, or other Planet.

§ 80. Now, if we may observe here, what also we have before asserted, that Comets go along with those Earthquakes and Inundations, as being united in a *common* Efficient, where matter is disposed, though *Pliny* hath no such Hint, we shall conclude: Only I am sensible that here it will be said, That this is old Stuff; Earthquakes, Inundations, Comets, and Pestilences, I warrant, to make them All hang on a Thread, agrees not with the New Philosophy. I may answer, if it agrees with Proof and Reason, we are well enough. I think I can prove that they *hang* all in one Thred, Three of them; and for Earthquakes connexion with Pestilences, *Fromond* himself admits it beyond all doubt or Suspicion. Not that



that I believe you know that Earthquakes are the Causes of Pests, but that the Three Superiours, as the *Chaldeans* have said of Earthquakes, are the Causes, under God, of Epidemical Distempers, *Agues*, *Feveres*. Nor will it conclude against this Doctrine, that sometimes our Earthquakes appear without an Inundation; a Comet, without an Earthquake; or Plague, without a Comet, therefore their meeting is Casual; For many things in Nature are not *reciprocal*, which yet have Connexion one with the other, though the Connexion always appears not. To Instance in nothing but what belongs to our present Discourse, Flaming Eruptions are of kin to Earthquakes, yet not always doth an Earthquake follow. Why not? Why, 'tis obvious to say, and the Answer is good *here*, All things are not ready, the matter is not prepar'd, &c. much less *Vice versa*, doth it always Flame when the Earth Trembles; The Reason is, because it cannot break forth, according as before we have Instanced in Lightning, and its Consequent, Thunder; Thunder, and its Consequent, Rain. Lightning and Thunders and Rain hang all on a Thrid, yet it doth not always Rain when it Thunders, nor, I am sure, always Thunder when it Rains.

§ 81. Now as we have attempted before to shew h or u affected with s to have no *benign* Influence, upon Health now it may be expected, we should say the same of h and u; and verily we must speak as we find, nor is it dissonant from reason, for the Superiours Influence met together, is too unkind and disagreeable, too much disproportion'd to our Nature, our Bodies being nothing in their Hands, like a *Venice Glass* by a rude touch quickly complains. As the Man, so is his Strength; and the Deduction is Strong. For if h or u united with s, the less erratic, can disturb our Frame and Temper; how much more can h and u; unquestionably the two vaster Bodies, put us out of order? All Disease is nothing but Disturbance and Distemperature of our Tenour of Life, our Blood, Spirit and Humour; and I hope we need not beg any Man's Belief of the less Conclusion, when we have demonstrated the greater. Those Planets which we have demonstrated to be Incendiaries, Perturbors of Heaven and Earth, may, for that while at least, be suspected and presented, for the disturbance of Man an *infirm* part of the Universe.

§ 82. The best Physicians consent, even those who otherwise are not so Astrologically given, which is a probable Argument of the Truth, whenever a Professor is fain to run abroad out of his own Jurisdiction, to give account of what is done at home: Their Eye chiefly, I confess, is upon h and s, with reason enough, if the Premises be true: But they do not mean that Configuration in any exclusive Sense. *Hippocrates* meant All by his τὸ ὅλον; All that concur to the Character of the Season. Now our Two Superiours are more to be suspected in im poisoning the Fountains, and corrupting our Masses of Blood, because of their Pertinacity and Perseverance, as he that on the Stage hath the *longest part*, is most concerned in the Plot; the Terms of Duration in h and u are more protracted than any other. h and s, by the Repetition of the Aspect, may sometimes disturb the Ambient above a year: h and u by playing fast and loose, seldom disturbs us less than *Four* or *Five*; in which space of time, they create such immethodical variety, and inequality in the Air, so alien from the kindly natural State and Season, that our Bodies yield like Flesh fresh and sweet, in a hot Air, and are sensibly exposed to Putrefaction, and That which follows *Stench*, which is a Token of the Dissolution, and as it were the *Deordination* of the Compound: And to make some improvement of This, I reckon that even the *Malignity* of a *Distemper* is nothing but the Enmity that takes place in the Compound, when the

the curious parts *component* are at discord, the Mal-Effects of Discord being Infinite. I confirm my self by this Conjecture, that there is such a Proportion between the *Live-Flesh*, and the *Carcase*, that as the *Fetor* or Stench of the one is infectious, and thereupon abominable: Even so is the *Effluvium* or odour of the Infected Person as malignant and pernicious, though not so obvious to Sense, because the Spirit of Life-Bloud is more Subtile and Minute, than the crasser Spirit of Carcase-Gore. Be it how it will, Astrologers venture sometimes to predict Epidemical Distempers; they venture their Credit too, when they hazen a Good City every foot with some such Nuisance; but when they pronounce on the account of our Aspect, they have sometimes come off with Credit. Comets have been several times predicted, and 'tis owned, by *Herlicius Appian*, and others. In like manner I remember the Pestilence of 1665. was given notice of by Mr. *Edlin* in his Astrological Treatise of our  $\delta$  preceding. It may be disputed, I confess, whether we had not better be ignorant of such a future Evil Day among other Reasons, for that, he that proclaimeth such unwelcome News, will thereby make himself hateful to his Country, as hard-hearted, pitiless, if not dealing with Evil Angels, seeing in the *Jews* Theology They are concerned here, unless perhaps he heartily loves the Publick, and is so obliging, that he counterpoises that Suspicion by his known Innocence and Merit. Alas! Is not the Misery, I fear, not so much the Astrologers Skill, as an unwillingness to prepare against an Evil Day, which the best of us, 'tis true, desire to put off. I fear it, I was going to say I know it; for 'tis a clear case, if upon a surprize, we may sometimes, though too late, wish we had foreknown the event: It is Consequent then, that 'tis a desirable Science, that inables us to foreknow. For, put case the Prediction fails, instead of ridiculing the Observation, it might be much better to thank God for his long-sufferance, since what usually hath been, might have been once more, nor was it improbable, howsoever.

§ 83. Here the Astrologers put in their note of Attention to observe which of the Two Planets have *Dominion* or Elevation one above another; for if  $\hbar$  have Dominion, say they, then Nothing but *Mischief*, if  $\mathfrak{u}$ , the contrary, or something better. And when *Haly*, or who is it? defines one way of Dominion over the other to be, when a Planet shall be on this side the *Medium Celi*, or nearer to the *West*, (and so *Cardan* in *Ptol. Lib. III. Cap. 14.*) while the other is under the Earth. I must own thus far, that there is some difference between a Planets Application to, or the Separation from another, as to the State of the Air; Every Agent being more fortified in the *Augmentation* of its Force then in its *Diminution*, though alike gradual. But for Sickly Times I don't find, that as many Distempers, or to speak plain, Pestilences, succeed the Aspect as go before it. How it is in the *Arabian*, or other Climes, I know not; but consulting *Escuids* Table, which is the Compend of *Albumazar*, I find *Erit Mors inter homines*, when our Aspect haps in  $\mathfrak{u}$  under  $\hbar$ 's Dominion, and the same *Mors multorum Hominum* with greater Men, when  $\mathfrak{u}$  has the Dominion. *Cardan* bids us enquire into Eclipses, two years before, or a little more. Nay he will give us an Example of a great Pestilence at *Milain*,  $\text{A}^{\circ}$  1524. which followed the Eclipse in *Aug.*  $\text{A}^{\circ}$  1523. I turn to the year 1524. and there I find another cruel Cause of a terrible Pestilence, what d'ye think? Our very  $\delta$  of  $\hbar$  and  $\mathfrak{u}$ . He tells us of  $\mathfrak{z}$  with  $\odot$ , unfortunate in the  $\phi$  of the  $\mathfrak{d}$ , &c. and  $\delta$  respecting  $\hbar$  and  $\mathfrak{z}$  from  $\mathfrak{m}$ . I tell him *Erustra fit per plura*, even if what be said were all unquestionable.

§ 84. For our Evidence we will not vapour and run back to the *Inarnation*, as we seem'd to do in the Comet, which method indeed was only a Mer-

a Mercurial Finger, if any shall delight to Travel on the like Design. We will come nearer Home, and content our selves with the beginning of the former Century, where the first  $\delta$  which appears compleat, is found in  $\S$  20. June, A<sup>o</sup> 1504. what Sicknes do's attend, *Gemma* answers, for *Brussels*, *Pestis Virulenta*, A<sup>o</sup> 1502. Again, A<sup>o</sup> 1505. in *Flanders*, *Gem.* 2. 249. and our Sweating Sicknes the second time in *London*, A<sup>o</sup> 1506. saith *Stow*. Note that in June 1502. h and u are both in  $\pi$ , in 1505. both in  $\alpha$ , in 1506. within Terms. This for the first.

1. The Second Congress of our Superiours after 20 years past in the year 1524.  $\propto$  10. for the year 1524. we may remember, *Honest Cardan* has furnished us with one example from *Milain*; and before that, A<sup>o</sup> 1522. *Kircher* informs us of a cruel Pestilence at *Rome*, our Planets being within Terms in *April* at least, and *October*, which instance being far from Solitary, gives us just Cause to suspect that the Vicinity of h and u, even beyond the Tedder of 30 gr. is of dangerous signification, which is confirmed presently from the Winter Mortality noted in *London*, A<sup>o</sup> 1525. where our Planets are 10 degrees distance, but secretly link'd together by their mutual Approaches to the Equinox, even on u's part, not here to be treated of.

2. The third meeting of h and u in *September*, A<sup>o</sup> 1544. about  $\propto$  27. Here is Pestilence at *London* again in the Month of *July*, as *Stow* informs, our Planets within 20. degr. distance.

3. The next meeting is found in the end of  $\S$ , Aug. 1563. In the year 1562. a Strange Murrain of Cattle, says *Gemma*; This was in the beginning of the year, and our Planets were out of Bounds; only in Oct. I find a note of *Variolæ & Morbilli*, *Small-Pox*, &c. with another Murrain, it should seem. But in A<sup>o</sup> 1563. a great Plague in *Germany*, saith *Untzer*, our City of *London* not escaping that time. Add A<sup>o</sup> 1564. Pestilence at *Brussels*, says *Gemma*, at the end of the year, Yea, A<sup>o</sup> 1566. the Strange Plague in *Hungary* within the Terms of our Planets, or not above 4 degrees excess.

4. The Fifth  $\delta$  happens about  $\propto$  20. April, 1583. and we meet with a new Disease at *Lunenburg* (July 1581.) as *Dimerbrock* informs us. Now though the time of the year does but border upon our Aspect, and h and  $\delta$  answer for the Distemper, yet we have said that even bordering years are dangerous upon the account, that though our Planets be without their Bounds or Limits, yet they may be fetch'd to life again (as it were) by a Third Planet stepping in between the Extreame, and a good shift too, as we see practised before,  $\S$  14. of this Chapter; for verily both  $\varphi$  and  $\eta$  from the opposite Quarters do so face h and u, that they unite them for the present, and force their Contribution to the mischief. This I do not mention for lack of Instances for we find a furious Pestilence in 1584. but because I see 'tis of great concern in my Judgement to solve the appearances often occurring.

5. The 6th.  $\delta$  happens about *Christmas*, A<sup>o</sup> 1603. in  $\propto$  10. And here we meet with a Pestilence in *London*, as it pleased God so to order it in the first year of *K. James*, the first of that Name; any one may see it was our two Planets h and u, in the hand of the great God (unless all we have said hitherto is Vanity) by the New Star, and the Frost that followed the year ensuing, proper Attendants on our Aspect, which, I hope, we have made out; and can further evince it by running back into past Centuries; yea, or *Chilials* of time. Note here again, A<sup>o</sup> 1604. while *London* was clear, (saith *Stow*) other Cities, Villages and Towns Corporate were extreamely visited.



6. Go we now to the year 1623. and observe the Congress in the beginning of  $\mathcal{A}$ , in the Month of *July*. Threescore years ago is within Memory, when our City smarted under the farewell of our Planets in  $\mathcal{M}$ . We know to what great purpose we have before observed, the Equinoctial  $\phi$  of  $\mathcal{U}$  and  $\delta$  in the hottest time of this Visitation; but we are not bound therefore to put out our Eyes, or say we do not see, that this grand Fatal  $\delta$ , or Positure of the two Supreams by commission from Heaven, doth conspire with the like fatal Positure of the Third Superior. We will not anatomize the year, but we may discover the Footsteps of our Aspect by the Droughty Summer noted in *New England*, A° 1623. *Purch* IV. 1866. by the Fire-ball that was seen all *Germany* over. By other Meteors, mention'd also by *Kepler*, A° 1624. not to forget the *Macula Solares* which *Hevelius* has left upon Record were more frequent in that year, than ever any he met with.

7. All this while we forget the  $\phi$  of  $\hbar$  and  $\mathcal{U}$ , at *Midsummer*, 1513. in the beginning of  $\mathcal{M}$  and  $\delta$ , at what time *England* labour'd with its Metropolis, says *Mr. Stow*. We take no notice of those Distempers mention'd by *Fracastrorius*, A° 1511. or that strange Murrain mention'd by *Fernelius*, *Quæ Solas Feles corripuit*.

8. In the next  $\phi$ , we find Pestilence in *France*, A° 1534. mention'd by *Valeriola apud Dimerbrock*.

9. The next  $\phi$  we hear not of. But that of 1573. before *Midsummer*, in  $\mathcal{M}$  and  $\delta$ ; *Gemma* will tell us, for his Country, lasted two year, A° 73. & 74. the cure of which he discourses. And may we not say the New Star in *Cassiopeia* is a Concomitant of this  $\phi$ ? Yes, even as the New one in *Serpentarius* was of the  $\delta$ .

10. We shall name but one  $\phi$  more in the 36th. year of *Q. Elizabeth*, A° 1593. which is acknowledged for a Pestilential year in this City.

§ 85. Well, it seems our Aspect may be Pestiferous with the help of his Neighbours; It may be enquired whether without his Fellow-Martial-Aspects, I fear we shall find it absolutely so; Let the Reader Judge. Some Pestilential or Sickly Years seem for a while to appear when  $\delta$  is conjoined with neither. As perhaps, A° 1502. when a Pestilence raged at *Bruxels*, and 500 perished in a Day: the  $\delta$  of  $\hbar$  and  $\delta$  fell off betimes, viz. in the Month of *May*, before probably the Pestilence began: But behold we see a  $\delta$  of  $\hbar$  and  $\mathcal{U}$  then enters; so there is a  $\delta$   $\hbar$  and  $\delta$  preceding, and  $\delta$   $\hbar$   $\mathcal{U}$  following, A° 1505.  $\hbar$  and  $\mathcal{U}$  preceding;  $\hbar$  and  $\delta$  come not in till the end of *August*. A° 1543. an  $\phi$   $\hbar$   $\delta$  prevails, and falls off in *May*, but  $\hbar$  and  $\mathcal{U}$  hold their own. To speak therefore as I find, seeing 'tis rare to find a  $\delta$  or  $\phi$  of  $\hbar$   $\mathcal{U}$ , without such an Aspect of  $\hbar$  and  $\delta$ , We may not possibly pronounce upon the whole year, without reckoning in the Martial Aspects, which if they precede, may dispose or co-operate to the common Nulance; The  $\delta$  of  $\hbar$  and  $\delta$  in a Spring, yea, or Winter Month (*February* suppose) may alter the matter, and corrupt it, followed by an Aspect of  $\hbar$  and  $\mathcal{U}$ . How much more when they are Plaited and Breaded together in the same Twine, and at the same Hour, as it oft-times happens.

§ 86. 'Tis easie to note, that we may proceed in the same Method in the  $\phi$ ; 'tis enough we have pointed at it; but for Brevities sake we abstain, as we do much against our Will; Concerning *Agues*, *Fluxes*, *Small-Pox*, *Scurveys*, which are taken at Home and Abroad, by Sea or by Land, when the greater Plagues don't appear. 'Tis long ago, I remember it still, when in a Droughty *January* and *February*, the *Small Pox* was rife in the County of *Oxford*; it came into my fanisie the  $\phi$   $\hbar$  and  $\mathcal{U}$  compleat in *February*, might be the under-Cause, reasonably imputing the unseasonableness of the Weather to have Influence upon the Malady, and casting

about me, I suspected the Planetary  $\phi$  to be the Cause of the Dry Constitution; then which nothing is more certain, whether we repeat Drought, or Malady.

§ 87. If then, what between the  $\delta$  and  $\phi$ , we should find every XXth. Year more or less, should prove with us in *England*, (if not Pestilential) yet a Sickly Year, & vice versa: Then I say, we should believe in Astrology. Nay, God forbid we should have such Cogent Commanding Evidence: for then it were as certain as a Mathematical Principle. But what if our Evidence *Flutter* near such a place, shall we not think it hath a *Nest* thereabout? Try we our Home-Spun Annals from the beginning of the Last Century, and let us visit the  $\delta$  and  $\phi$ , that we may see how they stand affected to us *English*. They are unkind at the best, but let us believe in our Principle no further then we find.

#### The $\delta$

§ 88. First then,  $A^{\circ}$  1504.  $\S$  20. in *June*, our Planets meet in  $\S$  2. the year 1503. was a Dry Summer, faith *Stow*. No Rain notable from *Whitsonide* to our *Lady-Day* in *September*. And  $A^{\circ}$  1506. before Planets are gotten clear off, the Sweating Sickness affaulted us a second time.

1523. Next,  $A^{\circ}$  1524. in  $\times$  10. in *February*. Now  $A^{\circ}$  1521. was a great Mortality in *London*, and other places of the Realm, beside a Dearth. This is on one side of the  $\delta$ , and again on the other side,  $A^{\circ}$  1525. Those two Years were very Sickly, so that *Michaelmas Term* was adjourned, and the *Christmas* kept in the Countrey.

1544. Third,  $A^{\circ}$  1544. in *Sept.*  $m$  28. A great Pestilence at *London*, whereby *Michaelmas Term* was adjourned to *St. Albans* this very year.

1563. Fourth,  $A^{\circ}$  1563. in  $\S$  28. Plague and Pestilence, first at *New-haven*, and then after in *London*, of which Dyed 23372. whereof of the Plague 17404. this very year, *Stow*.

1583. Fifth,  $A^{\circ}$  1583. *April*, in  $\times$  21. The year 1582. brought forth a Comet, *May* 15. The Year 1583. Earthquake in *Dorsetshire*; and if none with us, it brought a Plague elsewhere, and that a furious one.

#### The $\phi$ .

1513. So  $A^{\circ}$  1513. the  $\phi$  in *June*, in  $m$  and  $\times$  7. A Great Mortality of Pestilence is noted in *England*, and about *London* especially, the very same year wherein the  $\phi$  happened. It may be to some purpose to note the Drought.

#### $\phi$ in *Febr.* $v$ $\S$ 21.

$A^{\circ}$  1534. No News with us of Sickness; howbeit, for the Aspects sake, we must note that other places saw Comets, and Earthquake.

$A^{\circ}$  1554.  $\phi$  in *July*,  $\times$   $v$  29. Now  $A^{\circ}$  1551. (a matter of a year before, as we observed the same distance in the Conjunction,  $A^{\circ}$  1523.) Sweating Sickness in the North parts of *England*, and *London*. On the 12th. of *July* it was vehement, it kill'd in 24 Hours, or less. Note, that the Comet in 1556. appear'd within the Verge of this  $\phi$ .

$A^{\circ}$  1573.  $\phi$  in *June*,  $m$   $\times$  22. Earthquakes.  $A^{\circ}$  1571. & 1575. a New Star.  $A^{\circ}$  1572. with a Great Winter, and Dearth, Heavens burning twice. As it brought forth all these, so no Plague did we hear of.  $A^{\circ}$  1593.  $\phi$  in *May*,  $v$   $\S$  22. Plague in *London*, of which several Aldermen are noted to have dyed. Of all Diseases, 17193. of the Plague, 10695.

1603. Sixth,  $\Delta^o$  1603. *Decemb.*  $\delta$  in  $\tau$  9. Another New Star; Pestilence in *London*, whereof in One Week, in *July*, Dyed 857. of all Diseases, 1103. This was but one Week. Nor was 1604. quite free; for in that year Dyed of the Plague 896. Plague also noted in *Ostend*, &c. 1603.
1623. Seaventh,  $\delta$  in  $\Delta$  6.  $\Delta^o$  1623. The great Plague Year within remembrance, whereof Dyed about 3000 in one Week in *August*, viz. from the 11<sup>th</sup>. to the 18<sup>th</sup>. Preceded,  $\Delta^o$  1621. & 1622. with a great Frost.
1643. Eight,  $\Delta^o$  1643. *February*,  $\times$  25. Now in 1642. Dyed of the Plague 1824. And in 1643. 996.
1663. Ninth,  $\Delta^o$  1663. *October*,  $\delta$  in  $\tau$  13. This Year, and the following were, as to *London* Healthy; but abroad not. Several Comets appeared in, and before 1665. at the mention of which we tremble. And though it may be pleaded our Aspect was dissolved, yet it was no wide Dissolution, at the Heighth not above 9 degrees expired: so true is my suspicion of an Enlargement of their Boundary. Note, Small Pox, *Jan.* 1664. and Meazles, rise in *March* following.
1682. Tenth,  $\Delta^o$  1682. in *October*, in  $\Delta$  19.  $\delta$ . The year 1681. was none of the Healthfullest. I will not dispute, there was some Pestilence; but without dispute the Sums of 400. 500. yea, 600. per Week, are not desirable Sums. Surely from *May* to *September* there past not a Week under 400.
- $\Delta^o$  1613.  $\phi$   $\times$   $\pi$  12. *Sept.* and  $\Delta^o$  1612.  $\times$   $\pi$  28. *August*; the years were clear of the Plague, as by *Bell's* Account appeareth. Inundations we meet with 1612. in the Later Part of the Year, but the Summer Dry, and little Hay. Inundations again, 1613.
1633. The  $\phi$  in  $\tau$  and  $\pi$  7.  $\Delta^o$  1633. *Maior mense*, all clear till 1636. and that comes not within our Verge. It belongs (to admiration) to  $\Delta$  9; their Motion, and height of the Sickness consider'd.
1653. *July*,  $\Delta$   $\approx$  14. Droughty *Febr.* I remember, and a Sickly Season in the Country, as is elsewhere noted. The year was introduced by a Comet at the end of 1652.
- $\Delta^o$  1673.  $\phi$  in  $\nu$  and  $\simeq$  15. *Aug.* This year goes for a Healthy year, but in all its Parts I find it otherwise, for the Spring complained;
- |                      |                       |
|----------------------|-----------------------|
| <i>Jan.</i> 27. 354. | <i>March</i> 10. 688. |
| <i>Febr.</i> 3. 418. | 17. 695.              |
| 10. 430.             | 24. 568.              |
| 17. 537.             | <i>Mar.</i> 3. 547.   |
| 24. 510.             |                       |
- The Sums are high in *February* and *March*; our Two Planets were opposed near the Equator. So those Months were sickly, though the year was well, God be thank'd.

This for us. But in *America*, the *French* Gazet tells us the *Small Pox* raged among the *Indians*, as the Plague doth among the *Europeans*. In *Spain* also a Plague, which ceased the year following.

$\Delta^o$  1682. In *June*, we hear of great Mortality of Cattle in the North parts of *Scotland*.

In *Aug.* Plague in *Algiers* Rages, saith the News from *Paris*.

In *Octob.* *Flux* rages in the Garrison of *Oran* for some time past. At *Bermudas* a Destructive Feaver, mortal to many in two or three days.

$\Delta^o$  1683.



A° 1683. *January*, Plague broke out *Jan. 3.* St. N. in *Caschau* in Upper *Hungary*, so that *Teckley* was forced to remove in *March*. From *Vienna* we hear of a Contagion among the *Turks*, Thousands being found dead between *Belgrade* and *Buda*. In *May 13.* From the *French Kings Army*, a Cough and *Gravedo Pectoris*, which, in a few days march'd off 4000 of the Army. *Relat. extraord.*

From *Lintz*, in *July*, a *Dissenter* was so rite, that the Emperors Army was forced to move to *Vienna*, *Relat. Extraord.*

In *September*, the same in *Holsatia*, *Lunenbergh*, &c. *Feaver* in *Spain*, scarce a House free.

But one  $\delta$  fails, and not many Oppositions.

§ 89. Thus it is, and the more we enquire, the worse we shall find it: for where ever any  $\delta$  fails, 'tis to be feared that other places have not bin so happy, at what time the City hath been so secure: whether we take the Word in a good or bad Sence, 'I mean them no harm. If I have mention'd sometimes, *Comets*, *Droughts*, *Flouds*, we intimate thereby that such are the Attendants of Distemper'd years, and therefore imports so much: *Comets*, I say, among the rest, imply an unhealthy Constitution, of Distempers extant, and co-existent with it. I could confirm the Premises by a further review of Chronicle, even from the Conqueror; yea, from the *Incarnation*; if the Table of the mean Conjunctions will be serviceable to us, as they must be, because the Equation of  $h$  and  $4$  at most is not above gr. 10. if I remember right.

§ 90. It may be asked me what I will say to those who give out that Pestilences come in with our Kings Reigns: A New King brings a Pestilence. I answer; suppose it were so, what Inference will they make? What absurd intollerable Inference will a Phanatique (for 'tis their Observation, they say) draw from thence? What Black Mouth can say, that K. *James* the Peaceful; or, K. *Charles* the Martyr were Plagues, (for that's the *English* of it) to the Nation? The *Martyr* shews that the Nation, the Predominant part, were rather a *Plague* to him: The Guilt of which is not yet expiated; and God knows when it will. But that grand delusive Principle whereby they perswade themselves (God help them) to be the only peculiar of God, makes them bespatter any one who is not of their *Lay-Communion*, though Better and Superiour. An *Unchristian* Division; yet they call themselves the *Church*, the *Salt* of the Nation, and yet *insatuate*. If a Monarch perhaps through his more generous Education, sees himself Bound not to Truckle under them, or connive at their Self undoing, They are *what not*? But they see no Sin in themselves. If they did, with how much greater Probability might they say, that God sends a Visitation at the entrance of a *New Prince*, to reckon with us for our Misdemeanors under the *Old*! He seems to chuse us that Critical Time to shew we have been in arrear. But so they fill up the measure of their Fathers, with their *Proverbs*, like them; *That Princes eat four Grapes, and the Peoples Teeth are set an Edge*. 'Tis a Fallacy of that *Accident* which Providence suffers many times, to prove us, whether we will make rash, heady, unworthy, self-Justifying Conclusions, so proclaim our selves to the World for a perverse Generation. Because God said once, *I gave a King in my Wrath*, therefore saith the Dissenter, *All Kings are from the Wrath of God*. That's an Inference from the same delusive Spirit, which wheedles many a Poor Soul to their Ruine. But let them look back and compare, the First Eleven Kings came in with Health, even *William the Conqueror*, and King *John* brought no such *Memorandum*; No, nor King *Richard* the 3d. nor King *Henry* the VIII. nor his Daughters, *Queen Mary*, no more then *Queen Elizabeth*. But VI. of XXVI. Kings

Kings can be thus standred. Now we under God, in Philosophical Speculation impute it to such and such Aspects; We have seen *That* of 1603. of King *James*; and 1623. under King *Charles* I. his entrance, hung upon the Revolution of our Aspect: So did that at the entrance of K. H. VII. 1485. It falls manifestly within the Verge of  $\eta$  and  $\psi$ . I grant that God's Wisdom and Power is seen in Circumstances and Coincidences of Events; but we must take heed of Fallacious Arguing, least by the Rule we say the same of the Plagues coming in at the First Parliament, seeing the Monarch usually calls one at his Entrance.

§ 91. But the Truth I have told them already, Heaven owes us a Payment for all the Week, and then as some Parents do, they chastise their Children at the beginning of a Kings Reign. 'Tis we are set down in the *Black-Book*, incorrigible I fear, and therefore we smart.

§ 92. But another fore Objection assaults us, as if *Wee* made Pestilences too frequent, every X. or XX. Year. I answer, Mercy steps in, and denies the Consequence. Truth says there is Danger, and Conscience says *We deserve it*; but we see, with thanks to Heaven, 'tis not always so. Sometimes 'tis not once in XX Years, though it cannot be denied but that about once in that Term there is some reason to fear: for so the Table begins in the  $\delta$  Column,  $4^o$  1504. 1524. 1544. We do not love to hear of Death: that's true. Yet no man will give above VII. years for a Life; that's less than X. nor can you make a Deed to any purpose, without mention of Mortality. So let the Objection cease, and instead of reviling with sad Truths, let us remember our Enemy, and prepare to meet him. *Memento homo quod pulvis es*, must not be abolish'd.

§ 93. The Truth of this Hypothesis appears from the continuance of 112. Pestilences, and from their *Prodromi*, Feavers, Fluxes, &c. 'Tis a ruled case amongst us, That the *Small Pox* growing more Rise than ordinary, bodes some worse Distempers ensuing. If in the Spring, then the Summer is feared; If in the Summer, then the following year is suspected. And this is fairly accounted for with us, who put up the Aspect for two year, nay for more; A Pestilence may last, I do not say, *Rage*, Four Years, on the Account of  $\eta$  and  $\psi$ . It did so. The City of *London* was not absolutely free for 8 years together. There Dyed above a 1000 *per Annum* each of those 8 years. In 1643. indeed it reaches but 996. IV. of them, *viz.* 1641. 1642. 1643. 1644. are imputable to our Aspect; Only the later part of 1644. takes in the next Malignant Congress of  $\psi$  and  $\delta$ .

## CHAP. IV.

## Of Saturn and Jove, Appendix to the Precedent Chapter.

§ 1. We must do right to our Aspect before we part; the want of Printed Diaries amongst us for 40. or 50 Years at least, is a great Desideratum. 2. A Summary of all the Years of this, and the last Century, that are concerned either in whole or in part, in the two Chief Aspects of ♄ and ♃. 3. The Difference of the troubled State of the Air, found in any of the Years aforesaid (whatsoever Minor Aspect shews it self) must be ascribed to this Transcendent Aspect. 4. Manduction to the use of all our Diaries premis'd, to illustrate the Influence of our so great Aspect. 5. Our Planets Calm and Silent when they lye in close Quarters. Hence Stoefflers ignorant and unhappy Essay at the Prediction of a Deluge, when all the Planets met in the Watry Sign ♋, An. 1524. whereas Planets [distributed to their several Posts] can Drown, or Burn the Inhabitants of the Earth. A Notable Story from Purchas of Fire and Deluge in the Years 1542. & 82. Good meaning Men may be fully mistaken in the censure of Superstition. ♄ and ♃ the Longest, and Lustiest Fingers in Nature. 6. Presentment of our Aspects most notable Influences in a continued Series, (of some time at least) judg'd convenient for the comparing of Later and Former Aspects, as they may concern us in England. 7. Produced therefore from our plain Annalist, for the Years 1562. &c. and the ♄ there found. 8. From the Year 1570. &c. and the ♄ there found. 9. From the Year 1582. and the ♄ there found. 10. The Influences of the ♄ of our Age, An. 1682. not sparingly related from our own Collections. 11. The Years introduced are found strangely to agree in Comets, Flouds, Lightnings, Pestilences, though our Years relating to the last, as to Pestilences, have been to us in England happily exempted. Consent of the Habitable part of the World as to Inundations, notorious about the entrance of 1682. as Thuanus heretofore had noted in his time. 12. Mr. Stow's Notes of what happened in the Years 1591, 92, 93, &c. may be probably a kind of Speculum, to let us see in some measure, what may happen to us seven Years hence in 1992, 93, 94, 95. 13. Warning given for a touch at Monstrous Births. 14. A View of Frosts and Droughts relating to our Aspect. 15. Some Years infested with Vermin. Whether it ever rained Locusts at Constantinople? 16. A Conclusive discourse about Parelia, their relation to this Aspect, saving the Cartesian Supposition. 17. Monstrous Hail. 18. Farewel to Comets, &c. He that can tell Twenty, must be convinced. 19. Exact Enquiry establishes knowledge. 20. ♄ & ♃ manytimes mischievous and unsupportable; a Consideration of Damps, resumed upon Cardan's Story. 21. Our Aspect has a hand sometimes in Armies & thereal, as in monstrous Rains. 22. As Superstitions as we are, we don't undertake to reduce all Prodigious



digies to the Visible Heavens. Not the Phœnomenon of Crosses falling upon Garments, nor every Incredible Monstrous Birth. 23. Monstrous Births that are more usual, are justly ascribed to the Heavens, particularly to the Aspects of the Superiours. 24. Not only Corporal Disturbances but Distractions and Disturbances of mind are found not created, but heightened under this Aspect. This is seen in Distracted People, Turbulent Spirits, yea, and False-Prophets; Proof by Appeal to History. 25. Conclusion, with a Fore-tast of the second part, and a Rule or two to judge of the Weather, to stay the Readers Stomach.

§ 1. **S**omething more is to be said of this Aspect, but what is fit to be said, is no small *Quære* with me; for shall  $\bar{h}$  and  $\bar{u}$ 's Aspect be my Great, yea, Tres-Grand Argument, and shall I speak least to it? I should have afforded it a just Diary, what I found meet to do for some of the Rest, and not put off our Aspect with a Fragment or two, which it cannot take kindly at my hands. But what could I do, if the Tedder of the Configuration reaches us, as in our Theory it seems to do, to 4 or 5 year, and that with a just Claim? Could my too free and profuse way of Transcription copy out so many Years, and insert it here? Alas! that would yield a *Specimen* but of one Aspect; He must observe a second Revolution at least, who means to draw either new Conclusions, or establish the Old. Some such thing is wanting to the *Celestial Philosophy*, some such Volume I mean, that should give us 4 or 5 Revolutions from *Kepler*, *Kyriander*, and what *British* Observations could be collected toward half a hundred years, or more, if our Age were yet so happy. I please myself much with the Fancy, how suddenly the Celestial Knowledge would be advanced, if our Ancestors defect herein could be made up by some private Re-search, or Voluntary Contribution; for, for a right use made of it I question not, as long as the Theory is innocent, though novel, and so many Learned Men amongst us, that believe a God in Heaven, and his Glorious Providence. The Truth is, I once thought upon just Motives, omitting the Fair and Calm Constitution, to exhibit a Compendious View of the Aspect in all its Shapes; and being aware of the Prolixity, I thought to correct that Fault by the mixture of some not unprofitable Observations as I went; but being not so far enamoured with my Attempt, it dyed in the Birth. Must I leave then this Momentous Aspect uncultivated, unregarded? Nay I shall give the Reader at present, some Directions how to make use of the Former Observations, for the Benefit of this present Aspect. Let him be pleased to *View* what follows: See, 'tis no less than a Summary of all the years concerned from the Fountain-Head of our Collections, and when he has viewed them, let him mark what I say.

§ 2. A Summary of all those Years from the beginning of the last Century, where  $\bar{h}$  and  $\bar{u}$ ,  $\bar{\delta}$  or  $\bar{\rho}$ , according to our Sentiment, hath to do.

$\bar{\delta}$	$\bar{\rho}$
A° 1502. ab initio <i>Maii</i> ad anni finem.	1512. à princ. <i>Maii</i> , ad fin. <i>Septemb.</i>
1503.	1513. à princ. <i>Martii</i> ad fin. anni
1504.	1514.
1505.	1515. ad <i>Junii</i> finem.

1516.

8

1506. *ad finem Augusti.*  
 1522. *a Feb. med. ad Maii fin.*  
     *a Princ. Octob. ad Anni fin.*  
 1523.  
 1524.  
 1525. *ad Junii medium.*  
  
 1542. *a med Aug. ad fin. anni.*  
 1543.  
 1544.  
 1545.  
 1546. *ad fin Februarii.*  
  
 1562. *a princ. Martii ad fin. anni.*  
 1563.  
 1564.  
 1565. *ad med. Nov.*  
 1566. *a med. Maii ad Julii med.*  
  
 1581. *a princ. Dec.*  
 1582.  
 1583.  
 1584.  
 1585. *ad med Maii.*  
  
 1601. *ab Octob. med.*  
 1602. *ad Martii finem.*  
     *a med. Junii ad fin. anni.*  
 1603.  
 1604.  
 1605.  
 1621. *a med. Apr. ad fin. anni.*  
 1622.  
 1623.  
 1624.  
 1625. *ad med. Octob.*  
  
 1641. *a med. Febr. ad med. Julii.*  
     *ab Octob. med. ad fin. anni.*  
 1642.  
 1643.  
 1644. *ad med. Julii.*  
  
 1661. *a med. Augusti ad fin. anni.*  
 1662.  
 1663.  
 1664.

8

1516. *a princ. Jan. ad Maii med.*  
 1532. *a princ. Decemb. ad finem.*  
 1533. *ad finem Julii.*  
     *Ab Octob. med. ad anni fin.*  
 1534.  
 1535.  
 1536. *ad finem Feb.*  
     *a med. Octob. ad anni fin.*  
 1537. *ad med. Januarii.*  
 1551. *a princ. Aug. ad fin. anni.*  
 1552. *ad fin. Februarii.*  
     *a princ. Junii ad fin. anni.*  
 1553.  
 1554. *ad med. Novemb.*  
 1555. *a med. martii ad Oct. med.*  
 1571. *a Junii med. ad Julii med.*  
 1572. *a med April ad fin anni.*  
 1573.  
 1574.  
 1575. *ad fin. Junii.*  
 1576. *a Feb. princ. ad fin. Apr.*  
 1591. *a med. Decemb.*  
 1592. *ad fin. Junii.*  
     *a med. Novemb. ad fin. anni.*  
 1593.  
 1594.  
 1595. *a med Aprilis.*  
     *a med. Aug. ad fin. anni.*  
 1596. *ad Fin. Febr.*  
 1610. *a princ. Aug. ad fin. anni.*  
 1611. *a princ. July ad fin. anni.*  
 1612.  
 1613.  
 1614. *ad med. Novemb.*  
 1615. *a med April ad fin. Sept.*  
 1631. *a princ. Maii ad med. Octob.*  
 1632. *a Martii princ. ad fin. anni*  
 1633.  
 1634. *ad fin. Julii.*  
 1635. *a princ. Jan. ad med. Junii.*  
  
 1651. *a med. Jan. ad med Maii.*  
 1652. *a princ. Jan. ad fin. Aug.*  
     *a med Octob. ad fin. anni.*  
 1653.  
 1654.  
 1655. *ad fin. Martii.*  
     *a med Octob. ad fin. anni.*  
 1656. *ad med. Febr.*  
 1670. *a July fin. ad fin. anni.*  
 1671. *ad med. martii.*  
     *a princ. Junii ad fin. anni.*  
 1672.

1673.

1665. <i>ad med Martii.</i>	1673.
1680. <i>ad med. Julii ad med. Sept.</i>	1674. <i>ad med Novemb.</i>
1681. <i>ad princ. April ad fin. anni.</i>	1675. <i>ad princ. Junii ad fin. Sept.</i>
1682.	
1683.	
1684.	
1685. <i>ad princ. Maii ad med. Aug.</i>	

§ 3. Whatsoever Heights or Excesses are found in the state of the Air; Natural, as I may term them, or Prodigious, in High Winds, Hurricanes, Dark Air, more gentle lasting Rain, or Violent dashing Showrs, deep Snow, Showres of Hail of usual or pernicious Size, whatsoever Flouds or Inundations, the Attendants of the Premises; Whatsoever Tempests of Lightning, Thunder, Chafmes, Fiery Meteors, Comets, Earthquakes, Pestilences, Parelia, Phasmes of the Air, Prodigious Rains of Bloud (so called) &c.

On the contrary, whatsoever Cold, Frosty, or Hot Droughty Air; whatsoever Mist, or Fog, or Smoaky Air, Bliting or Blasting, Mildew, Threads or Cobwebs, *Gossamere, Caterpillar, Locusts, &c.* mentioned in any of our Notes Domettick or Foreign, to happen in any of these years, within the terms specified in the Table; (What narrower Aspect, or Aspects soever may bear the Name) they belong to the  $\odot$  or  $\oslash$  of  $\hbar$  and  $\mathcal{U}$ , assisted or deserted, as well as to the Minor Aspect; they must all, I say, be laid before the Door of this Configuration, that we may see how *Rich* it is.

§ 4. Let me wait upon the Reader back through all the Tables, till we come to the first, that which is appropriate to  $\odot$  and  $\oslash$ , pag. 131. that we may in some measure be, not acquitted only, but, justified, for our profer Transcripts of our Diaries.

What do we find in *March*,  $\text{A}^{\circ}$  1673? Wet and High Winds: It belongs in all reason, as to the Congress of  $\odot$  and  $\oslash$ , so also to our  $\oslash$ . The same we say for the Snow and Hail,  $\text{A}^{\circ}$  1674. Add if you will, the Aches, Hysterical Fits, Even *They* are to be ascribed, says the Astrologer, to  $\odot$  and  $\oslash$ , co-incident to the  $\oslash$  of the Supremes. And let no man question it that will search out those limitations, which are easie to be found by observing Months and Signs, or such like Circumstaues, which as yet were not proper for me to search after. Do the like with the following Years comprised in the Table. Go we then to *February*,  $\text{A}^{\circ}$  1655. in  $\odot$  and  $\oslash$  Diary, pag. 159. The Warm Weather we find there, *die* 3, 4. the measures of Rain on the same days, the Dath of Rain and Terrible Blustering, belong to  $\odot$  and  $\oslash$ , and our  $\oslash$  of the Superiours also not yet expired; while on the contrary, the Frost extreme on the 1. of *Feb.*  $\text{A}^{\circ}$  1663. belongs to  $\odot$  and  $\oslash$  (and  $\oslash$ ) co-incident with a  $\delta$  of the Two Superiours. We will give but an example or two out of the Foreign Diary, the first of which belongs to  $\odot$  and  $\oslash$ ; p. 184. We read there from *Hackluit*, May 20.  $\text{A}^{\circ}$  1535. Ships suffered by Storms and Tempest,  $\delta$  of  $\odot$  and  $\oslash$ ,  $\oslash$  of  $\hbar$  and  $\mathcal{U}$ . A 2d time,  $\text{A}^{\circ}$  1552. a Hurricane, Aug. 21.  $\delta$   $\odot$   $\oslash$  Platic,  $\oslash$  of  $\hbar$  and  $\mathcal{U}$  amongst the rest. A 3d.  $\text{A}^{\circ}$  1574. Nov. 18. Tempestuous Winds all night at *London*,  $\delta$   $\odot$  and  $\oslash$  with our  $\oslash$  (for these years are specified in the Summary.) Add *March* 8. 1682. outragious Storms on the Coast of *Holland*, such as deserved a mention by *Calvisius*,  $\delta$  of  $\odot$   $\oslash$ , and withal  $\delta$  of  $\hbar$   $\mathcal{U}$ .

Thus may any one, if he please, make use of our Notes which we have presented to the World, not to encrease the Bulk of the Volume,



but to save the Pains of the Diligent Observer in a point of Knowledge now so much desired.

§ 5. We have made you believe that the Character of this Aspect holds forth Cold and Frosty Seasons, (Winter at least) and Droughty Seasons with Cold or Heat, as they happen. And 'tis admirable to see, that not only before, but, after we know the reason, how Cool, Calm and Civil the Aspect is at times, at other times as *buffing* and boistrous; yea, wild and prodigious, and insupportable. For *what* noise, I pray, does the  $\phi$   $\eta$   $\psi$  make E. gr. joined with the  $\delta$  of  $\eta$  and  $\zeta$ , for 18 days together in May 1652. pag. 292. How loud is he in July 1653. while opposed in  $\alpha$  and  $\omega$ . What in Sept. 1654. or 56. a Mifty Morning, and a Showre or two in the first, Red Wind, some Rain, (too little, says the Note) in the Second. Rain-like, Dark Air, some Fits of Rain in the Third. What does Decemb. 1662. bring, but Frosts (p. 293.) Alas! Frost is no Influence, 'twill be said, but a suspension of Influence, a long Vacation, (Frost or Fog) as in January and November 1664. But see! these Planets are not *distributed*, they are too near one another, whether Three or more, to shew any remarkable Influence, as we have said. 'Twas a great mistake therefore of Poor Stoesler, to alarum all the Country with fears of a Deluge, when time was, to make the Country build, or procure boats for their safeguard, or fly to the remote and higher places, in Febr. 1524. because all the Planets, forsooth, met in the Watry Sign  $\kappa$ , (as they are apt enough to do, if the Superiours wait for them there) for what was the Issue, to the Infamy of Astrology, through ignorance and ill management, the whole Month proved Fair and Serene, as in such case, according to our Principles, 'tis very apt to do; On the other side, when *Distributed*, what do they not? *Shake* the Earth, *Burn* it, *Drown* it, raise Mountains out of the Sea (for new Islands must be such) bring Lakes out of Mountains, abolish Cities, exterminate Inhabitants, burying them alive in Earthquakes, and washing them away in Floods. Concerning which take one Paragraph in Purchas, when he comes to speak of Guatemala, a fertile Province and City of the same Name in the West-Indies. He tells us that the City was once Situate at the Foot of a Vulcan, but was removed Two Miles thence, because in the Year 1542. (one of our years) on December 26. A Lake hidden in the Bowels of that Hill, forth in many places with such Violence, that it ruined most part of the City. But (mark ye) All is well for a matter of 40 years, so one  $\delta$  is harmless, yet in the year 1581. (which is a Borderer, as we call it) there issued from another Vulcan two miles off, such an Eruption of Fire, as threatned to consume all before it; and such a Showr of Ashes as both filled the Vallies, and almost buried the City. Now the next year 1582. (a year claimed by our Aspect) there issued for 24 hours such a Stream of Fire that burned the Stones and Rocks, drank up 5 Streams of Water. He adds this remarkable Note, that before that first Eruption of Waters, some Indians came and told the Bishop, that they had heard an incredible Noise at the Foot of the Hill; The Christian Bishop reproved them, that they should not trouble themselves with vain, yea, Superstitious Fears. But about the Hour Two in the Morning, that Deluge appeared, which carried away many Houses, and whatever stood in the way, wherein 520 Spaniards perished, Purch. Vol. V. Cap. 14. § 2. So that sometimes we see good meaning may censure us unjustly of Superstition; but the design of these Papers is to give more light to us that have seen 1682. then those Good Men who lived in 1582. Now at none of these Terrors, I wis, whensoever our Superiours then were, can we find the rest to be placed in the same Sign, neither Watry nor Fieri, but distributed at their several Posts,

as if they were sent out upon duty to execute their orders; for in all such great Products, Nature uses her *Mechanicks*, her Distances, her Lines, her Angles, of unequal Measures and Proportions. All the Planets lye not in one Concentrick Orb, as neither do the Fixed. Wherefore by the Rule of the *Vestis*, the higher Planet *Ceteris Paribus* must have the greater Force. I see some Emblem of this in my hand, the strength of that Organ lies in the unequal measure of the Fingers, of which the Little Finger is the weakest, and the Longest is the lustiest.

6. After all this, the Prowess of our Two Superiours, I fear, wont be discerned so convincingly, by *distracted* Instances hitherto presented in their respective Tables, as by one *continued* Prospect in their more united order and succession, whereby we may see how they exert their heavy Influences according to the *Series* of time: Wherefore we may further think fit to present you an example of Two or Three, for the Most part from our own *English* Annals, wherein we are more *neerly* concerned: that by comparing our last 6 h 2 in 2, with that of 1582. where the said Planets are in *opposite* Signs to the former, or else with that of 1563. where they are about the *same* Signs, which we tell you is 2, we may see them coguation.

7. A° 1562. Pestilence at *Newhaven*, when an *English* Garrison, where they were scarce able to bury their Dead.

A° 1563. Pestilence in *London*, of which dyed 23600.

Jul. 8. Lightning destroy'd one Woman, (here I am punctual, because we are at Home, and it concerns us to understand where we live) while in *Essex* a man, *Stow* saith, was torn in pieces, Stones and Trees rent in many places.

Earthquake in divers places, *Lincoln*, *Nottingham*, &c.

Dec. 1. ad 12. Continual Lightning and Thunder, specially day 12. at n.

This Month at *Grimesby* in *Lincolnshire* was driven ashore a Fish, in Length 19 yards, his Tayl 15 Foot broad, 6 yards between his Eyes, &c.

A° 1564. Great Floud from the River *Thames*, many Cattle perished.

Octob. 7. The North parts of the H. seemed to be covered with Flames proceeding toward the middle of the Firmament, and after an hour it descended West, and All the Night, being the next after the Change, seemed as Light as if it had been day.

Dec. 21. Frost, *Thames* passable from the Bridge to *Westminster*, heretofore remembered in our *Kalendars*, till That of 1683. drown'd it and its mention.

A° 1565. Jan. 3. It thaw'd, and on the fifth day no Ice to be seen, which caused great Flouds, many Travellers drowned.

July 16. Thunder, Lightning and Hail from ho. 9. p. ad ho. 3. mat. which destroyed the Corn, untill'd Houses, beat down Church Battlements at *Ghelvesford*, *Leeds*, *Granbrock*, *Dover*, &c.

Dec. 24. Tempest of Wind so raging, that the Seas, yea the *Thames* overwhelmed many Persons, and blew open the Gates of the West end of *St. Pauls* Cathedral.

The *Terms* of our Aspect if they be out, 'tis no prejudice to omit it, 'tis a Borderer at least. This for the 6. Let us approach now to the years which are adjacent to the 6.

68. A° 1570. is but a bordering year. Nor doth *Stow* mention any thing but (which is too much, if it had so pleased God) a General Pestilence there was throughout *Europe*, at *Venice* above 60000 deceased.

Oct. 5. Terrible Tempest of Wind and Rain, much Shipwrack, many Houses and Villages overflowed many Women and Children lost.

A° 1571. Feb. 7. Earthquake at *Kinaston* in *Herefordshire* for 4 days, certain Rocks, with a piece of Ground removed, carrying great Trees and Sheep-cotes. It overthrew *Kingstone* Chappel, the Ground in all was 26 Acres. At first it made a Terrible Noise. A new Hill of 20 Fathom high. Which Circumstances I relate the rather, that we may see how our Country is obnoxious as well as others.

A° 1572. Nov. 18. Star in *Cassiopeia*, for the space almost of 16 Months: Great Frost and sharp Winter from before the Feast of *All Saints* till after *Twelfside*, with great and deep Snows, and sometimes Rains; a Late Spring, the Wind continuing N. and E. till after the Ascension, with sharp Frost and Snows.

June 7. Hail and Rain at *Tocester* in *Northamptonshire*, whence Flouds, whereby 6 Houses were born down, &c. many Sheep drown'd, lying in the High Hedges, where the Water-Flouds left them, the Hail square and six Inches about.

About *Lammass* Dearth at *London*.

A° 1574. July 9. At the Isle of *Thanet*, A Whale shot himself on Shore, ho. 6 p. Length 22 yards. Any Man might have crept into his Mouth.

Sept. 4. Storm of Rain, &c.

Nov. 6. Two great Tides in the *Thames*, the First by Course, the other overflowed the *Marshes*.

Nov. 14. About midnight following, strange Impressions of Fire and Smoak out of a black Cloud in the *North*, *not. seq.* that in all parts it seemed to burn with marvelous rage, the Flames did double and roll one on another, as in a *Furnace*, the Flames rose from the Horizon round about, and met over head.

Nov. 18. Stormy and Tempestuous out of the *South*, specially after midnight till next morning. I have not known the like from any Quarter, says our *Annalist*.

A° 1575. Feb. 14. Cold and Hard Frost; after a Floud, which was not great. Great numbers of Flies and Beetles came down the River of *Avon*; at *Temksbury* a Foot thick above the Water.

Feb. 26. Between ho. 4. & 6 p. m. Great Earthquake in *York*, *Worster*, *Gloucester*, *Bristol*, *Hereford*.

July 30. Great Tempest of Lightning and Thunder, wherewith in divers places Men and Beasts were stricken Dead. Great Hail also 6 or 7 Inches about.

Sept. 26. In the City of *London*, A Woman deliver'd of four Female Children, who followed all in Health and good liking their Deceased Mother, who died a Month after; which whether I had reason to transcribe will be seen toward the Close of our Papers. I must observe that they were conceived, (if not born) under the Aspect.

A° 1576. March. 5. In the Night a great Flaw of Wind from the N. W. ruin'd a Tilt-Boat with 31 Persons, one Boy excepted.

July 4, 5, 6. The Fatal Sessions at *Oxford*, where so many Men were destroy'd by a Damp. We have referr'd it to  $\eta \varphi$ , and we abide by it as a parcel-Cause, but we are willing to reduce it also among other notable Causes, to our  $\phi$ ; for 'tis certain 'tis a Borderer:  $\eta \delta$  are within Bounds; and  $\delta$  opposing  $\psi$ , delivers up  $\eta$  also, linked with it. 'Tis no little matter that kills 500 Persons by a Breath.

A° 1582. May. 13. Comet, *hora* 10 p. descending in the N. W. the Beard streaming S. W.

Aug. 12. Lightning, Thunder, Whirlwind, with hail fashioned like Spur rowls, two or three Inches about in *Norfolk*, beat the Corn flat to the Ground, rent up many Trees, and shiver'd them into pieces, or writh'd



writh'd them like Withs; the Top of *Henden Church* was lifted up, 5 Webs of Lead ruffled up together like so much Linen Cloth.

1583. Jan. 13. *Blackmore* in *Dorsetshire*, a piece of Ground of 3 Acres, removed from its place 600 Foot.

Octob. 10. *Caster* in *Norfolk*, a Fish by Force of the *Easterly* Wind driven ashore, whose Tayl was 14 Foot in Breadth.

Summary of the Occurents happened at, or about the last 8 h 2, 1682. and seqq. from our own Collections.

§ 10. 1611. April 1. *Roma* Septentrionem versus Cometa major Lucidiorq; nupero qui *Neapoli* visus est.

Die 22. Ex inferiore tractu *Albis* *Ruricola* queruntur ex anni siccitate, grandem scarabeorum invalescere numerum qui delicatum arborum florem abradit. *Dioecesis* *Bremensis* tristius conqueritur, de inusitato *Murium* numero qui segetem radicitus abradunt, *Relat. Colon. Num.* 37.

May 3. 13. Lately an Earthquake in *Zealand*, and Meteor of an extraordinary bigness, for 3 Nights in *Amsterdam* Horizon.

Die 5. This Night following, a great and general Bliting Wind, the Walnut-Trees felt it, *Middlesex*.

Die 20. Hurricane lately at *Barbado's*.

Die 22. *St. Johnston's*, Hail, Rain, Thunder and Lightning, unusual circa 5 p. T. M. for a quarter of an Hour. *Benskins* Intelligence.

Die 27. Drought, not within memory, *Engl.*

Die 30. Near *Lancaster*, Lightning and Hail as big as Walnuts for two Hours, damaging the Corn.

June 18. About a week ago, Rained Wheat in *Dean Forest*.

Die 13. *Oxford*, lately happened Lightning, &c. which fired a House:

Die 16. Dolphins sporting in the Mouth of *Severn*.

17. *Ferrara*, Thunder, Hail, Earthquake.

20. *Lime*, A Vessel put in, which felt a Tempest of Thunder, Rain, and Lightning, never the like.

20. Lately at *Lyons* in *France*, terrible Earthquake.

29. *Dorchester*, within two Miles, a Globe of Fire falling among a Tuft of Trees, burnt two or three to Ashes.

July 3. *Sheerness*, Whale lately seen in the Mouth of the *Thames*.

5. *West-Chester*, a Man stroke Dead with Lightning.

6. *Chichester*, about 3 m. Trumpets sounding a Charge, &c. Thunder, &c.

16. *Hamburg*, Plague broke out at *Magdeburg*.

23. *Friburg*, Thunders, Armies, Squadrons, Battalions, &c.

25. Thunder bolt clove a Woman in 4 parts, a Man had no hurt.

26. *Portugal Row*, near *Hide Park*, Thunder 8 m. shook the House, so till 11 m.

T. M. in *Lorrain*, 6 Stately Houses destroyed.

*St. Colombs* Church suffered by Lightn.

Aug. 9. *Francofurti ad Viadrum* *Locustarum* pestis.

11. *Lues epidemica* *Dresda*, & in reliqua *Misnia*.

16. *Fersey*, Comet SW. ante 5 m. with a Train of 3 yards.

27. Whale in *Flushing* taken, 30 Foot long.

*News in India occid.* Hurricane. Two *Bristol* Ships lost; 4 or 5 at *Antigoa*.

Sept. 6. Meteors seen in *Moor Fields*, with a Stream 6 Inches broad.

13. *Vesuvius* burns for four days, T. M. in *Naples*, two Shocks, *Gazet. Numb.* 96.

14. *Lues Epidemica* in *Calabria*.  
 16. Pestilence continues at *Hamburg*.  
 20. Great Storms of *Hail*, then Swarms of Flies for 3 Hours, pass'd Eastward with the Wind.  
*Octob. 2.* Hurricane at *Jamaica*.  
 6. Comet lately appeared in  $\approx 13$ . swift in motion.  
 10. At *Falmouth* for some Days, Very Stormy Weather, so at *Harwich*.  
 16. Plague in many parts of *Spain*, seems not yet to be decreased.  
 23. Star last n. with a large Train, but the Clouds hindered.  
 29. Dreadful Storm at *Dover* Rode.  
 30. *Portland*, Dismal accounts from several places of this Stormy Weather.  
*Nov. 2.* *Weymouth*, such a Flood from the continued Rains, that the Ways are hardly passable.  
 4. Near *Lincoln*, Lucid Circle in the Air like a Rainbow, reversed.  
 6. *Deal*, a *Zeland* Vessel cast away in Tempest.  
 10. *Westchester*, Monstrous Fish lately taken like a *Crocodile*, *Domest. Intellig.*  
 13. Plague not quite ceased at *Magdeburg*.  
 29. Sicknes lately broke out in *Barbary*.  
 30. Violent Storms since day 26. at *Hague*, ruin'd part of the Fortification at *Narden*.  
*Dec. 10.* *Hague*, Strong S W. Wind, broke up the Banks, and laid 2100 Acres under Water.  
 8. *Falmouth*, many Shipwracks.  
*Decemb. 15.* Summer Weather, and much Thunder p. m.  
 21. *Copenhagen*, Waters so high, that 'tis the Wonder of the Age.  
 30. Great Floods in the Country.  
 1682. *Jan. 13. Turin*. Comet appeared like that last year, yet more dreadful.  
 16. Furious Tempest noct. tot. & die, blowing down Tops of Houses and Chimneys, without Rain.  
*Amsterdam*, Inundation there, *tres difficile reporter*, says the *French*.  
 17. Very high Tide in the *Thames*, over all the Bushes.  
 18. Inundation near *Holland*, 3 Inches higher than *A° 1670.* at *Brill*, *Rotterdam*, &c. many People and Cattle drowned.  
 21. Inundations in *Ireland*, *Connaught*, &c.  
 25. Inundation of *Danow*, higher by two Foot then it was 35 years ago.  
 31. *Stockholm*, yesterday within 10 Miles, T. M. very Terrible for half an Hour.  
*Feb. 6.* Winter Weather, blowing, Raining and Snowing near *Salisbury*, but near *Andover* no sign of it.  
 12. *West Riding* in *Yorkshire* Snow Knee-deep in 24 Hours time; at *Worthington*, Tides have altered to the amazement of the Seamen.  
*March 6.* Comet at *Mosco*.  
 19. *Plymouth*, small Vessel cast away, 7 Passengers drowned; and at *Dunkirk* Storms destroyed their Sea-Work, blowing down several Houses in the Town, and part of the Steeple, killing 6 Men.  
 22. Tides at *London Bridge* thrice in 12 Hours, flowing 7 Hours from 2 p.  
*April 1.* Trees blasted.  
 29. T. M. in *Hungary*, destroying Houses, and burying the Inhabitants.  
*May 1.* T. M. at *Paris* in the Night.

2. At *Deux Ponts*, *Basil*, &c.

4. Hereabouts in *Berkshire*, Trees torn up by the Roots, others torn in pieces, Corn shared as if 'twere mown, *Stanford*, *Wadely*, *Newbery*, *Wantage*.

13. *Brussels*, Storm of Thunder and Lightning, demolished many Stately Buildings.

16. *Doncaster* T. M. inter horam 2 & 3. mat. & 12. minutes.

29. *Hague*, weather so dry, that all the Ground lost by the Inundation is recovered.

31. *Lime*, Great Storm with Rain and Thunder, caused several Eb-bings and Flowings in half an hours time.

At *Eversham* in *Oxfordshire*, Hailstones and terrible Lightning tore up Trees, &c.

June 3. *Dunwich*, Hail, such as hath not bin known for several years past.

14. Mortality of Cattle continues in the North parts of *Scotland*.

15. *Durham*, Hail, Thunder and Lightning, destroying Corn.

July 11. *Anjou*, Dreadful Tempest, turned several Villages of that Pro-vince Topside-turvy.

Aug. 6. Not far from *Hereford*, two Houses consumed by Lightn.

11. Plague rages much at *Algiers*.

15. Plague rages at *Halle*, 300 dying each day, *Loyal Mercury* 319.

16. Vessel riding at Anchor in *Dartmouth* Port, the Main Post Fired by Lightning.

19. Comet in NW. 8 p. a Tayl of 3 Yards fere.

This Comet seen at *Tunbridge*, day 16.

Sept. 23. *Gravesend* Tilt-Boat cast away and several drowned, so other Boats on *Thames*.

27. Feavers up and down the Country about *Northampton*.

Octob. 5. *Excester*, a Child born with two Heads. Relation Printed by *Will. Davis*.

Octob. 7. Destructive Feaver, Mortal to many in 3 days, specially in intemperate Bodies.

§ 12. So far our various Intelligence ceases, various indeed, if I had reported all; If Half this were true, 'tis enough to shew the just notion I have of the Superiors to 4. What then if there be scarce three mis-reports in the whole? I was going to say, I know the main to be Truth; may we not then usefully compare our Years of the Later Century, viz. 1562. with this 1682. upon the Evidence they give? Is there no similitude of Influence discernable of 1582. with our 1682? Our Collections are more exuberant than *Stow's*, and good reason, for he wrote a kind of *Annals*, and *We Diaries*, which are destined for the Record of Influences. This Consideration being allowed, compare Those Years together, as to Comets; Flouds, Lightnings, Earthquakes; the Comfort is, we cannot match them as to Pestilences, the more are we indebted to the Great Moderator; though some parts of the World, we see, were visited with Epidemick Distempers. We have hitherto escaped. When we have made our Comparison, then we may please to note the Close of the Year, 1681. and Entrance of 82. do put us in mind of That Consent of the Parts of the Universe, so long ago, as we have said, observed by *Thuanus* in his time, when *Holland*, *Germany*, *Ireland*, yea all *Europe*, as is elsewhere noted, complain'd of Inundations; Some Conspiracies Planetary are confin'd to a Province only, while others again extend themselves through the whole Empire.



§ 12. Now though I would give occasion to none to act *Stoefler*, and make himself ridiculous by vain Predictions; Yet it must not be denyed, that if a Year past and gone, be found upon such reasons to represent and repeat a preceding year in a Floud, in a Hurricane, Rural Earthquake, Monstrous Birth, or some such rarer Event; Why may not the next Aspect of our Supremes be interpreted for the Future, where we can find a Precedent to compare it by? I confess the demand is Reason, and to shew I like it, though Divinatory Philosophy, unless grounded on a manifest experience, is rarely precarious nor can I say I pronounce upon a laborious *Examen* of particulars, yet in general, and by a confuse Light, I may say that the years of *Q. Elizabeth*, 39. &c. i. e. the year of our Lord, 1592, 93, 94. and part of 95. are a kind of *Speculum*, whereby we may read something which may succeed 6 or 7 years hence, *A°* 1692. 93, 94, 95. *h* and *u* being near the same Signs, as in those years of the *Queen*. Not that I would have any make false Apprehensions, and by the Multiplying Glasse of his Fantasie, think the years will be nothing but Tempestuous &c. But that there may some of the same Events revolve again in those Years, be it Comet Huracane, or some Distemper as hath been already hinted.

§ 13. But what have we to do with the *mid-Officers* of a monstrous Birth. If that be not a Freak, a midwifery I much marvel: I confess, 'tis usual with those who advance a Principle to draw it, and stretch it with some violence, to make it speak to every Case; and 'tis a Fault, E. gr. to introduce a Magnetism or a *Vortex* with our Learned Countryman *Gilbert*, or *Des-Cartes*, when there is no need. We will see whether we are guilty very suddenly, but we have something to dispatch first by way of perusal of our former Chapter concerning some Instances found there.

§ 14. As to the Frost, we have said a little, *circ. pag.* 447. &c. But by way of Appendix we may know the other Frosts are in these Papers produced to whose Extremity *h* & *u* did conduce.

§ 15. The *Parelia* we have met with before in the Aspect of *h* & *u*, *pag.* 394. in a competent Catalogue, which no doubt, in some certain Situation at least, cast their Luminous Influence upon the Celestial Imagery; we find it so in the *Iru*, and we must admit it here. For as we have given a hint in those of *May* 3. at *Zurich*, *A°* 1523. that *h* & *u* are concerned; so we wonder, if *h* & *u* be not alike concerned, when of 15 Instances, 9 shall be found in Amity with our Aspect (not considering the *Paraselenæ*) to which we add 1614. *May* 13. at *Prague*, from *Calvisius*, *A°* 1622. *Jan.* 22. & *Feb.* 8. *St. Nov.* at *Lintz* again, *Feb.* 19, 20. (from *Kepler*.) At *Rome*, *March* 11. from *Argol*, *Pandof-spher.* At *Lintz* again, *March* 25. from *Kepler*; then *April* 14. *A°* 1625. & *Sept.* 20. *anno eod.* lastly, 1684. *March* 18. from *Trig's* Calender for the following year. When 9 I say appear, Any man may suspect, though the Art will be to make it out, that our Planets are not idle at that time. For if ☉ ♀, ☉ ♂, ♂ ♀, ♀ ♀ in the foregoing Papers do present us with these appearances, what can be said, but that All have their own, and the Superiours, a superiour share. Who can deny first, that ♂ ♀ have a share in the appearance on *May* 11. 1573. & *May* 20. 1673. though at a hundred years distance, where ☉ ♂ are near in the first, and ♂ ♀ in the second. Or, at a less distance of 9 years *May* 13. 1614. & *May* 18. 1623. when ♀ ♀ shall be near in the one, and ☉ ♀ in the other. Who can deny it, when he finds those Famous *Parelia*, *A°* 1520. to commence under ☉ ♀. as *pag.* 344. yea *h* too being not far from a Partile ☉. Who cannot presume, when he sees a Croud of these Mock-Suns, no less then Six in 2 Months time, *A°* 1622. where we find two, *A°* 1625. the Year wherein the King of *Poland* saw Six at a time,

time, as *Des-Cartes* was informed. I will give but one Proof more, viz. when he sees *Phasmata*, the ☽ being in ♈, facing ♀, Feb. 4. 1622. and *Parelia*, Feb. 8. when she faces ♀. *Phasmata* and *Parelia* are akin. Well, when He comes to joyn with ♀ in ♀, as but now she opposed him in ♈, then we find these appearances *passim*, in several Places, ♀ must needs be concerned here, for *Phasmata* is more then *Parelia*; must needs be concerned, I say, when he shews the Appearances two days together.

And what can be learned by Moon-light; let no Man think we exclude the Sun, projecting the *Parelium*, though we talk of Collatéral Assistants. The Analogy of the *Paraselenæ* will evince that, if it needed any such Argument to corroborate. But neither doth the ☽ exclude her Adjutants, for in that of A° 1554. Apr. 9. mention'd before ☽ is in ☐ with ☉, & not far off, ♂ & ♀ near one another in the same Sign. And the *Paraselenæ* in *Calv.* A° 1622. Feb. 8. seen at *Heidelberg*, had ☽ in ☐ with ☉, ♂ & ♀, ♀ & ♀, all above board, which strengthen the ☽ by their several Impressions, whereby she may be able to make her Reflexion discernible. This I presume holds in those also that are Alien to our Aspect, as that of 1551. May 21. which belongs not to ♀ & ♀, but ♀ & ♀, where the Phenomenon must happen, while the ☽ is in Tropical ♈ with ♀, which if it doth not strengthen the ☽ in her Projection, I never saw the like. I don't go about to give account of the *Crux Atra*, taken notice of in the midst of the ☽, unless I liv'd in *Germany*, where there is frequent talk of them, because 'tis easily evaded by those who will admit no Portents; I regard the simple plain resemblance of the ☉ or ☽, and I accuse those Philosophers that impute all to the Luminaries non-assisted, while they may, with as good reason condemn me for being too minute. Alas! I do but hint, there are more Causes than one, I cannot, nor shall I be allowed, to say all, only here is one pretty Problem: how comes it to pass, that on Feb. 4. 1622. of *Keplers* Diary, I find first, ☉ in Quincunx with ♀, and △ with ♀, and a Fortnight after ♀ in Quincunx with ♀, and △ with ♀, in this later there's *Parelia*, in the former there is *Phasmata*. Now *Phasmata*, we have said, is *Parelia*, and somewhat more.

§ 17. Harmful and Prodigious Hail lies scattered up and down in the foregoing Pages under ☉ & ♀, April 4. 1541. July 25. 1545. Under ☉ & ♀, A° 1565. July 24. Under ♂ & ♀, A° 1573. June 20. 1661. March 9. Under ☉ & ♀, A° 1680. June 20. 1682. July 28. Under ♀ & ♀, A° 1672. March 16. 1682. June 24. & Aug. 18. A° 1675. June 1. Under ♀ & ♀ 1682. June 15, 24. Lastly, under ♀ & ♀, A° 1575. July 30. & 1602. June 30. See what ♀ & ♀ can do when in Signs immediate one to the other, and any two of them in a state of Co-arctation; they cast you Hail in a Mold of 7, yea 9 Inches about, and the Scene lies in *England* too, that we may see 'tis possible that Heaven should stone us to Death.

§ 18. For Comets, Earthquakes, Pestilences, we have troubled the Reader too much, especially if not yet convinced; but let me tell him once for all, if he please to count a Score, yea, a half score of years, he will find the Tallies agree. For if you view the two last Columns of our Cometical Table, pag. 457. you shall find that to every twenty years therein contained, there answers two or three Cometical Years, and we have discoursed of them in the Pages before. Add the Oppositions, and then 'twill be every tenth year, and let any Man try whether the years 1512, 1532, 52. 72. 92. 1612, 32, 52. 72. don't bring the Comets in the Neighbour-hood. A° 1512. brought one in *March* and *April*. 1513. brought another in *Dec.* 1532. brought one in *Sept.* 1533. another in *June*, p. 174. & 208. not to omit that of 1531. in *Aug.*

1562. found you one in 1554. p. 208.

A° 1572. brought, and brought again a New Star, which is as good as  
 a Comet every inch of it.

1529. Lighted up that in July 10th. 1593.

1612. \* \* \*

1632. brought one like a Launce hanging over *Barcelona*.

1652. brought you a Comet in Dec. p. 149.

1672. brought one in Febr. at *Dantzick*.

Here is but one year Failer, and will not that be allowed to be possible; when as much as our Planets appear, They will do little without the Rest, which in the variety of the Heavenly Motion, may, I hope, furnish you with one exception in above a hundred years; and who knows whether it were an exception? For *Hevelius* and the *Polish* Gentlemen forsook me in the years 1632. & 1672. till the Continuator of *Calvisius* furnisht me with One from *Barcelona*; and the worthy *Oldenburg*, with that at *Dantzick* in the *Transact.* mention'd above pag. 279.

§ 19. Thus, will an exact enquiry make our Aspects to keep a true time to the harsh Musick of Earthquakes and Pestilences, which I leave to the pursuit of the Diligent Physitian, or other Naturalist.

§ 20. The like I say, of all the mischief that we meet with (we have given you a little *Specimen*, compact together in this Chapter) that will come to your hand scatter'd up and down in these Papers or elsewhere. I can't acquit the rest, less durable Configurations; but under These I have met with too much; let me name them and take my leave; Pernicious Lightning that dallies not with us, but strikes dead, or petrifies us, or fires our House about our Ears. In Whirlwinds, *Tuffons*, that turn up the Roots of Trees, Foundations of Houses, that take up Water into the Air, and hurry down Men into the Waters depth, that set the Heaven burning over our Heads, and teach us the Faith of a Doomsday; nay more, These Planets sometimes suffocate us in a Moment with a Damp, and strike us in common with a dire Apoplexie (of which by the way there is extant one Story in *Lycosthenes*, A° 1554. which, because the Instances are rare, I would not lose) yea otherwise that have us, and distract us with Horrour; so that we suspect and fancy, nay sometimes see Spectres or Spirits in the Air, whole Portion is Tempest and Brimstone; so that sober Persons, when yet nothing can be seen, believe 'tis their Hour, *Gemma*, &c. If I find  $\hbar$  and  $\mathcal{U}$  engaged, I content my self, that I know the under-Cause, by which the mischief is done, which is not done without some Instrument elevated to such purpose. To instance in the Damp only, 'Tis *Lycosthenes* tells us, that at *Milain*, July 23. A° 1554. a Vault having been made for a Drain, 20 days after, viz. Aug. 12. they went down to take up the Centres, as they call them, that sustained the Arch, the First Man, when he was half way on the Ladder, fell down Dead; the Second ventur'd, and at the same place fell down dead also; a Third, when he came so far, encouraged the Standers by, and promised that he would fetch up his Fore-Men, but instantly when he put his Head under the Brick-work, down he fell; so did a Fourth Man, when a Fifth Lusty Fellow went, and drew up one of the Dead, so being emboldned, he descended a second time, and when he put his Head under the Arch, down fell he also, who being pull'd up presently (as they had provided for fear of the worst) and with much ado they brought to life. At this Fear *Cardan* was present, and it must be added to the like relations above, pag. 153. & 154. where the Doctor's Damp, and the Sessions at *Oxford*, July 4. A° 1577. as they are to be attributed to  $\phi \hbar \mathfrak{z}$  or  $\hbar \odot$ ; so is this of *Milain* to be ascribed to  $\hbar \mathcal{U}$  on one side,  $\hbar \mathfrak{z}$ ,  $\hbar \mathfrak{z}$  on the other. I need not revive my old Notions, to tell you one was in Tropick



pick, the other in the Equinox. Finally, to compleat this head, Will it be worth the while that in those two Damps of *Aug. 4. 1679. pag. 153.* and another, *A<sup>o</sup> 1665. in April, pag. 215.* that our Supream was posited in the beginning of ♄ in the former, and ♃ in the later, I leave it to fair opinion.

§ 21. What hand our Planets have in the Armies Æthereal, the Spirits that muster them, know right well; be they Good, be they Bad Spirits, Astrology is never the worse, though the *Diavel* understands it, no more than my Holy Faith is depreciated, because the Fiends believe. But be they Evil, or Good Spirits, as the Learned think, this I can say, that the relation of *Lions* and Horse-Men, and Towns besieged, *July 3. A<sup>o</sup> 1534. from Peucer*, if it be no Fancy, hath our ♄ of the Superiours to favour it; and it is the first that is mention'd by *Lycosthenes* in the last Century. Again, *May 17. A<sup>o</sup> 1535.* formed Armies in a Serene Air were seen, and Martial Noises heard, 'tis our ♄ still.

The Third Relation, *Octob. 1. 1547.* belongs not to us, that is not to this Aspect, but whether it belongs not to our Planets, when ♄ is in the Tropic, and ♀ in the Equinox, beside other Observables, we cannot here dispute. *A<sup>o</sup> 1553. June 5. at Coburg, ♄ ♄ ♄, ♄ ♄ ♄, A<sup>o</sup> 1554. June 11. five Miles from Norimberg*, a noted Skirmish of Horse-Men for two Hours, put Men into a Doomsday Consternation. And the Aspect of ♄ ♄ so Partile, so Critical, will confirm any Inquirer in the belief of the Story, beside the fair play they give us for two Hours together; and, (which I think I have reason to take notice of) in these two last Instances, there is mention of Showres of Bloud, at, or near the time of these appearances. (Prodigies oft-times draw in a Chain, and make a Train.) These appearances come again, *Aug. 5. pag. 358*, for I will not take notice of what is reported, at 10 at Night, *July 24.* how Armies met and shouted once, twice and thrice; neither must I pass them by, because of the Identity of the Celestial Positions, which create the same Faith to each one as to any. Now, Is it not a pretty chance that Three of these Scenes should be exhibited in one year; If the Relations be true, as the Contents are rare, the ♄ ♄ ♄ in the *Equinox* comes as rare.

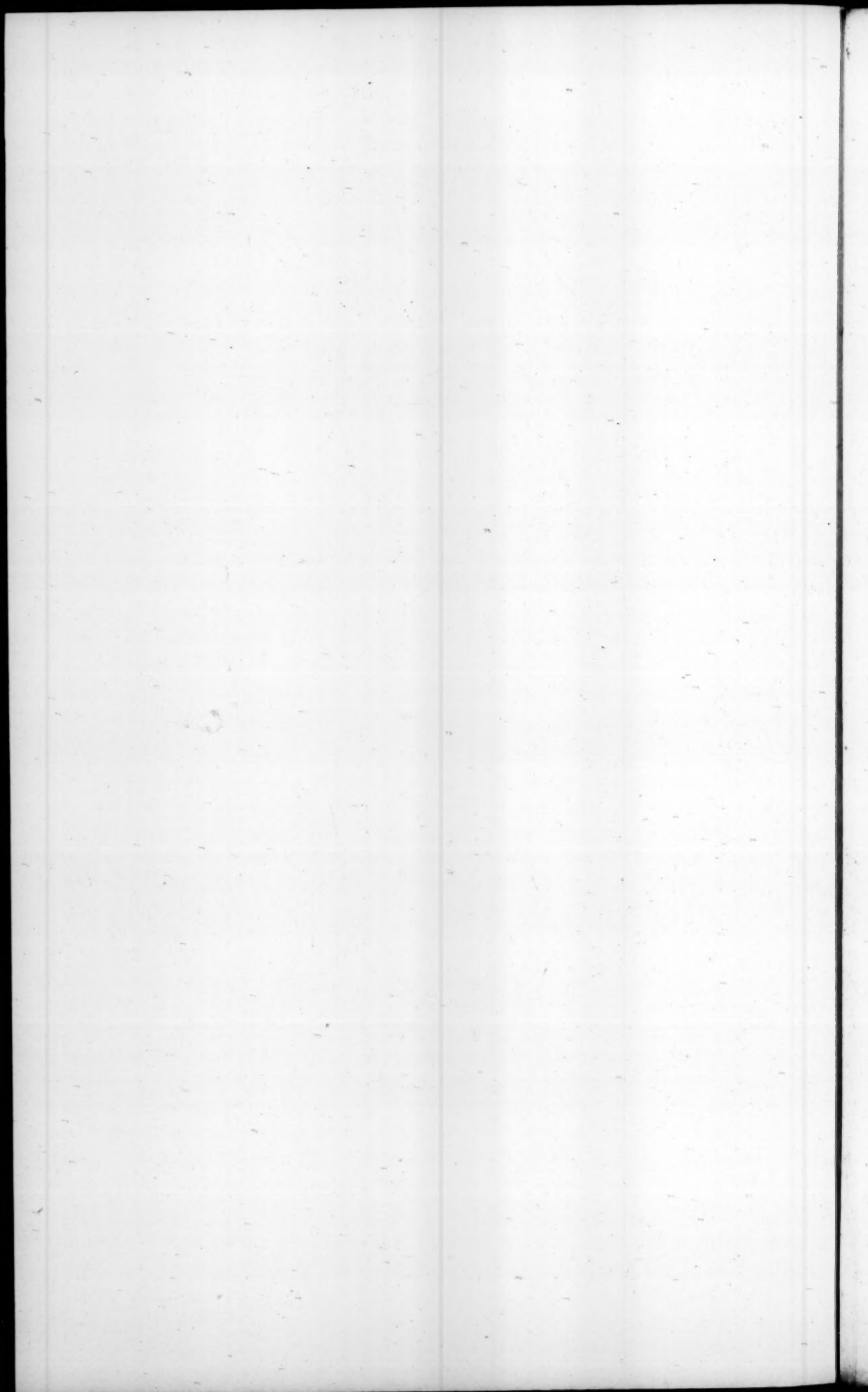
§ 22. It appears by the Premises, that we are willing with other Philosophers to give some account of Rains of Bloud. We observed but now, that they happen sometimetmes with other Prodigious Appearances, as of Three Suns, and the like. But, as Superstitious as we are, we labour not to give account of every strange Circumstance; Nay, we rather think with good meaning People, that such *Phænomena* may portend somewhat, though reducible to a Natural Cause, by reason of those Amazing Circumstances which attend. I Instance in Bloudy Crosses, *A<sup>o</sup> 1501.* which have fallen upon Mens Garments, and mark't them in several places with Red; there's no denying of the Fact, since *Cardan* strives to fetch the reason from the very Texture of the Garment, the Woof lying across to the warp. But as *Fromond* notes, if we sprinkle Bloud upon a Garment, the experiment will not prove; wherefore he justly refers it to what must be owned, the *Divine* Finger pointing at something that is shortly to succeed. For the Story speaks not of a bloudy Showr, nor of any Rain properly so called; Nay, they speak of such Figures found in Veils of Churches, and Garments under Lock and Key, nor of Crosses always of one Colour. What is the Issue? There followed a Plague, says *Fromond*, after those ominous Tokens, in the year 1503. The like is reported for the year 746. And Famine, after those of *A<sup>o</sup> 969.* Here I may say, I remember *St. Chrysostome* himself takes notice of such a Prodigy in his time, upon which he Triumphed, as a Sign from Heaven of the Exaltation of the Crucified *Jesus*. With him shall my Astrology Philosophize, even tho' it

it should prove that  $A^{\circ} 1501. 1534.$  were years that belonged to our beloved Aspect. The like I may say in some measure of the Fiery Hail we have met with in the Papers before, though comprehended within the Clutches of our Planets. What follows is of lesser concern, but strange still; Hail which was fashioned like Spur-rows, &c. I commend *Cartesius's Diligence*, but I applaud not his *Design*. Assuredly not all *Phænomena* in Nature can be solved excluding Miracle; or not, if you will bear it, without Planets and Angelical Substances. And yet I heartily allow that our Philosophy, whatever it aims at, shoots short. Ponds or Fountains turned into the appearance of Bloud, may be accounted for, by the Theory of Damps; (when the Earth being disturbed from the Heavens, is apt to fall into a quaking Fit) a disposition to, or a Consequent of the Earthquake; This perhaps may tinge the Water. 'Tis poorly done of Scepticks to deny whatsoever they cannot give account of; yea, or of *others* who set themselves against received Truths, and are forced to refuse Authentick Authority. He is hard beset, who, because he does not believe any Portent in Comets, or other *Æthereal Phasmes*, will question *Josephus's* History of the taking of *Jerusalem*. Where He Instanceth in Monstrous Births also, seen before the War, and therefore in all probability portended it; the Heifer which brought forth the Lamb before the Altar, might signifie that God was bringing some strange thing upon the Nation; I own I cannot give any account of Such. In These Births there is more than a Planet.

§ 23. More than a Planet, that is, a Signal Exertion of God's absolute Power, contrary to the very Grain of Nature, or, which is all one to me, his own *Decree*, by which Nature is established. More of which kind occur in Writings, if Men have need of Arguments to believe a Deity; But we descend to a Lower Sphere, Births that are *beside*, not *against* the course of Nature, where the Species is safe: yet remarked with some *exorbitancy* or *Defect*, either to the *pity* or the *affrightment* of the Beholder. The Causes of these are assigned to be the *Plastick* Virtue (be sure) the Imagination of the Mother, to which he should add Terrors, Affrightments, the Constitution of the Country, the difference of Dyet, and, which I did not suspect would be confessed, the Sidereal Influences, *Schottus, Lib. 5. Cap. 28.* We cannot accuse *Schottus* of unkindness to the rest of the Stars, though he proves it only from the *Moon*. Some good men may think I have grasped too much already, and that I need not wade into this deep, I can say for this particular, I was not fond of it, nor was I invited thereto by any Astrologer, not by *Ptolemies* Chapter *de Monstris*, I'll assure you, for in this place the Conception is to be regarded, and not the Nativity, or its proper Scheme, as *Cardan* also notes. But, like the Merchant that trades abroad, I was offer'd a Pennyworth, the years presented themselves to me, and bid me take them upon Suspicion; what Suspicion I had will appear presently. I am not going to say that every strange Birth, none excepted, was conceived under  $\hbar \text{ } \text{v}$ ; but I say the Contingency is so frequent, that, it may be, it deserves to be noted by those who understand better. Take notice that we refer to the Conception, and then we begin with a young man in *Arles*, with six Fingers on each Hand; 15 years old was he when *Valericola* saw him, in the year 1561. whence he must be Born  $A^{\circ} 1546.$  and conceived in  $A^{\circ} 1545.$  one of the years specified above, pag. 492. I will not run back as far as the year 1446. much less to the year 1274. where we meet with Births of deformed Hands and Feet, but keep my self in my Bounds; so then,  $A^{\circ} 1537.$  not far from *Wurts*, by the River *Molda*, *Natus est Infans sine Pedibus, Lyc.* The like again at *Widensbach* a Mile off *Schleusing*, ending in a *Pyramidal* Figure,







gure, *A° 1552. ib.* Again, *A° 1556.* a Birth of the same Figure, *Alandro-  
vand. A° 1556.* at *Basil* a Man-Child born without Ears, *Lyc. A° 1593.*  
at *Koningsberg* with a Hare's Ear, *Schenckius. A° 1503.* An Infant with-  
out Nostrils, Eyes or Ears, *Lyc. A° 1554.* at *Stetin*, with an Arm co-  
ining out of his Ear, *Lyc. A° 1514.* May 10. A Child born without a  
Nose or Nostrils, *Gem.* The same year at *Bononia*, a Girl with four  
Eyes baptized, and lived four Days, *Amatus Lusitanus. A° 1554.* A Head-  
less Infant, with Eyes in the Breast, *Finkel. apud Lyc. A° 1615.* *Puellus  
Satis grandis sine Capite*, only a Mouth and Teeth in the place of the Neck.  
Another, *A° 1624* in *Italy*, whose Eyes, and Nose, and Mouth were in  
the aforesaid place, *Aldrovand. A° 1544.* at *Milain*, *Nata est Puella Bi-  
ceps. Cardan, Lib. XIV. de Var. A° 1514.* in *March*, the like, *Rhodigin.  
A° 1536.* at *Zurich*, an Infant born with two Heads, Three Arms, and  
as many Feet, *Lyc. A° 1553.* in *Misnia* the like, *Lyc. A° 1515.* in *Ba-  
varia*, she begg'd up and down 26 years after, *Pareus. A° 1552.* in *Huf-  
f. A° 1536.* a double Birth join'd together, though but one Heart be-  
tween them, *Gem.* The like *A° 1555.* *Aldrov. A° 1593.* Another at  
*Wolterffalt.* And have we not an Instance in this very Chapter of the  
like Miscarriage, for so I may call a Monstrous Birth? Verily, if I had  
not met with such a Spectacle among the *Prints* at the very Threshold of  
our Inquiry in the year 1503. that year being charged with a second un-  
fortunate Birth; if I had not met with two other sad *Prints* at the year  
of the *♂*, 1514. as at the *♂*; If I find something of this Nature in Man  
or Beast the next *♂*, *A° 1523.* and a strange one beside *A° 1525.* *In cu-  
jus corpore alio preterea Corpus præpendebat ad Genuasque*, who lived,  
and was shew'd up and down in Fairs 30 years after. If the next *♂*,  
*A° 1533.* shews you a Monstrous Animal at least, *Lepusculum cum octo pe-  
dibus, quorum quatuor in dorso eminebant.* Beside that, *A° 1534.* I meet at  
the same Birth, two short-liv'd Twins joyn'd together in the same fleshly  
Co-alition as I met with 30 years before in the *♂*; if yet again I find  
another kind of Birth, *A° 1537.* if between the year 1543. & 1544. we  
meet with 3 or 4 such monstrous Productions, (to proceed no further) Is  
it not enough to make my poor Head teem with monstrous Thoughts that  
these Events belong to *h 2*? Especially where *Imagination* comes in; then  
you see I am haunted with these Apparitions, and invited to follow them.  
Now my *Suspitions* were these, since *h 2* in the hour of their Engage-  
ment (a long hour) produces such wondrous and monstrous things in the  
Universe; why may not their disturbance be *universal*, and reach our  
Humane Bodies, put them into Disorder, by God's Permission or  
Commission, or both? Whether, we leave to Divines to deter-  
mine. Consent between the Heavenly and Humane Bodies is manifest;  
Consent between *Ethereal* and *Animal* Spirits is manifest; such a Wind  
blows, the Body is affected, as Tradition and Experience hath taught even  
the Vulgar, the Ancient Physitians every where proclaiming it, then there  
must be something in it, because 'tis observed some years more than others.  
They quote *Rabbi Moses*, noting the *Sicilian* Women, *Quodam anno setus de for-  
mes & potissimum Bicipites peperisse, Schottus, Lib. V. Cap. 2.* Such a kind of year  
was the third of Queen *Elizabeth*, as Sir *Richard Baker* hath noted, and  
the year 1615: in *Germany*, as *Calvisius* hath noted. And do not we per-  
ceive some years to be more Fruitful, of these Anomalies, than others;  
we have as good as named them twice, rather than fail, *A° 1503. 1514,  
1536, 1537, 52, 54, 56, 93.* But further, the probability of this may ap-  
pear, when under these years, the same Deordination is found in Ani-  
mals, Lambs, Hares, Calves, whose Examples I forbear to multiply.

I might add some Monstrosity in Vegetables, of which here and there Examples will occur.

But now to come a little nearer, that I may explicate my self; I consider the *Fornaces* of *Agypt*, and the known manner of hatching of Chickens, not by *incubation* of any Female, but by *hiding* them in Dung, whose Warmth is supplied by the Fornaces; and which is much to our purpose, seeing Warmth applyed by *Art*, can hardly observe the even Hand, and the gradual Methods of Nature, many of these Chickens proved *Monstrosous*, redundant or defective in Leg or Bill, &c. Now the Heats or Influences of these Years where our Planets are concerned, *may* be, nay 'tis plain, *are* unkind, unsuitable, if not intemperate; the only second Cause (as far as I understand that matter) of Pestilent Contagion: Where I can Imagine no reason, there my Astrologers lead me not; as in the case of *Fires*, notwithstanding some unlucky co-incidences of the pretended Effect of the Martial Aspect. But where we have some Semblance of Reason, we propose our Thoughts, and submit them to the Learned.

§ 24. 'Tis no question but over the Body it hath Power, yea over Inanimals; Metals will not run sometimes so freely, and *Quick-silver* will not work. Those who are concerned, wondring at the Reason. We besure, tell them 'tis an Aspect, to get Credit to our Principle. As for the Animal, Let any observe our Diary of ☉ and ♄. As many as fall into this our Aspect, they present us with Aches, Distempers, Hysterical Fits, in some special Signs at least. But we have further to go: The Mind, and its Faculties are liable to be disturbed by a Celestial Meeting. All grant it possible I remember, by the Intimacy of the Faculty with the Spirit, and the Propinquity of that to the Body: Now if I mistake not, I have observed various *Alterations* and *Emotions* of Spirit under ♄, Visible in *Melancholly*, *Griefs*, *Distractions*, *Phrensies*, *Lunacies*, &c. Not that the Stars cause Frensie or Distraction, Heaven forbid; but because our Minds, Sickly, and Crazy, and Distemper'd by our natural Weakness, or willful self-Corruption, Antecedent to the Celestial Energy, the secret judgment of God, not interposing are not able to stand under the harsher temptations of the Planets. This being the true solution of crazed Intellects, as the *Midsummer* Moon, as they call it, our Heart, like a fore part, cannot endure to find it self touched, or treated so rudely by Natural Agents, who have no power to check themselves, but act according to the utmost of their Strength. I have no other proof but what is drawn from Observations of the Weekly Bills, which though I know, looks as Baleful as the sight of a Spectre in a dark Night walking over the Graves of the Dead; yet even the Melancholly Secrets of Nature may be pryed into, if perhaps we can reach them. Those unhappy *Felo's de-se*, that make away themselves by what kind soever; I do suspect are the worse in the Sence now explained, through the Potency of the configuration; as the Physitian knows the *Delirium* of his Feavourish Patient is heightened by the Intemperance of the Weather. And this is a *Demonstration* to them who easily Infer, that if the Celestial Bodies are the Causes of the one Intemperance, They have some unhappy share in the other, the Intemperance of the Planets. But what can be observed from the Bills of Mortality, where the *Periods* of Men are only mention'd? You do well not to ask. You grant it seems, that there are some Fatal Diseases of the Mind there recorded. Then, say I, the Periods of those Persons betoken the *height* of their Passion under which they labour and struggle, and are *thrown* at last; I observe then that many times *Distractions* and *Lunacies* from several Quarters meet at the Grave,



Grave; the same Week which mentions a poor Melancholic that hath laid violent hands on himself, shall mention the Disease of a Lunatick, and another who dyed with Grief; and let no man call me cruel, I pity *them* as much as any. But I must confess I reckon *Immoderate Grief*, under which Head too many are found in the Bill, to be a kind of *Distraction*; That Grief, Lunacy, and the Melancholly *Desperado* are carryed forth in the same Weekly Sheet to be buried. And what if we shall meet sometimes, not only *more* than a single Instance in one Week, but a sad *pompous Succession* of such fatal *Exits*, for a Month or more together. Thus in the year 1680. in the last Week of *March* we find one self-murderer with the Knife; the first Week of *April* by Poyson; the second, by the Noose, the week which is dated from the 20th. day, the Noose, or Fatal Knot; from day 27. the like, with a Lunatick beside. From *May 4.* Grief; and the Halter; from 11. the same, with a Lunatick, yea from the 18th. the same again. The Succession holds entire for one Month together, and if it had not been dis-continued by a single Intermission, it had held out Two. I cannot deny, but that other Aspects may sometimes be unhappy, but I chance to observe it first in  $\hbar \Psi$ ; the Potency, the Name of that great Congress call'd me to look toward some materiate Cause, if Religion and Philosophy will bear the Speculation: I took notice of two Lunacies in the Diary of  $\odot \Psi$  in the Month of *Febr.* 1682. two together struck me, I referr'd them with a reserve notwithstanding, for a more strict enquiry to the Co-incidence of that Solar Aspect to  $\hbar \Psi$ . I am sorry I am at a loss for the Mortality-Bills even of that Year; but in the year 1681. I have Instances from *May 17.* of killing Grief; from *May 24.* of self-murder; from *May 31.* of Grief and self-murder; from *June 21.* Lunacy, and self-murder. Afterward, these black *Exits* came not so thick, till *October 18.* there we meet with all these, self-murder, Grief, and Lunacy; in the next week, *October 25.* a Lunatick again, the first of *Nov.* self-murder. What Rule can we give, when we may fear, and prevent (I speak to those who have Catholic or Universal Charity) such fatal Events? Consider, to keep to our Aspect, when  $\hbar \Psi$  are in  $\delta$ , when a third Planet joins with either, or approaches the Equinox, or is strongly posited (Suppose the *Pleiades*) especially if  $\delta \Psi \Psi$ , one or more be Retrograde: These, or most of these are found in the Instances premised. The last Fortnight of *May*, and the first Week of *June*,  $\hbar \Psi$  were newly entred; a third Planet,  $\Psi$  forsooth applies to  $\hbar$ , another Planet,  $\odot$  applies to  $\Psi$ ,  $\Psi$  is strongly posited in the mid-Week at least,  $\delta \Psi$  are together, which is not usual, Retrograde. I should have mention'd the Tropick as well as the Equinox, and then I have given the *Ruiments of a Rule* at least, which I could confirm, but 'twill be more satisfaction to an Inquirer to believe his own Eyes.

And what should I meddle with Discords, Tumults, Seditions, Wars, Rebellions, Treasons, Impostors, Sectaries, False-Prophets. 'Tis confessed in *Thesi*, that all these proceed from a Diseased Mind and ungovern'd Passion; a Zeal that cannot be justified, Pride, Envy, Wrath, Hasty, Hair-brain'd Temper, which the Spirit expressly tells us, help to make Dangerous times; we mention none, because our design is to Edifie not to provoke; to possess the more Learned, who have great advantages over others to be Sober, Virtuous, and Sons of Peace, upon the account that the contrary Party, Enemies of Peace, have Whimsies in their Heads, *κατασκευασις*, as *Theodoret* confidently expresses himself concerning no less a Man than *Arius*, (to this day admired by some Anti-Ecclesiastiques,) they are *betwattled* in their Understandings, tainted with a Spirit of *Madness*, and Dictates of a private Spirit, unhappy here, wherever they shall be hereafter.

hereafter. Now 'tis pretty to see if we take a Chronology (*Galvifius* suppose) and observe the Occurrents of this kind for the most part of the Years before specified, and he shall find some entertainment as to what is mention'd, as if the Planets were *make-bates*, whereas the Fault is in us, who will not suffer our Inclinations, Prejudices, Possessions, how unhappily soever bent, to be cured by God's Grace, through sound moral principles, and a Holy Religion, being Proud and self-conceited; condemning others, but sillily never so much as suspecting our selves, or Parts, though perhaps ignorant, or ill-natur'd, than which nothing can be more pitiable. It will be said that Troubles are seen in most Countries every year. Yea, but they do not break out *afresh* every year; Seeds of Disturbance are sown by the Enemy, and they live in our Hearts, a *rank* Soyl; but as we see that *Grass* grows all the Spring, yet a warm day or two makes it grow an end; so is it here: A Configuration may indispose an infirm mind, and cause it, if not checked to run zealously to its Ruine. To conclude therefore, I am aware that such is the Variety which may be found by our curious Enquirer, that the Person who puts himself to the trouble, may resolve, that This is but a Fanie, (like that of the Year Climacterical, which hath much to be said *Pro & Con*, So many dying *on* that year, so many dying *without* its reach.) Now, though under Correction I think there may be more in it than so, because the Doctrine is consequent to the Premises, and because we have other Tantamount Configurations accusable on the same Score, to render an account of other Years, which are Forein to the present, (and This the Opinion for the Climaterick cannot pretend to) yet I will not stickle. In the mean time, it will be good Counsel if we can take it, that we descend into our selves, discern our own Spirits, and so cautelously, with such Circumspection, that nothing from within, or without may irrevocably precipitate us; as a prudent temperate Man so orders his Body, that the most Critical times of the Year, *Spring* nor *Autumn* may call his Life in question: This should be preach'd to the *Mobile* in a Loyal-Field Conventicle, and Prayer before the Sermon that they may have Ears to hear: then will it be true, *That a wise Man will have Dominion over the Stars.*

§ 25. And thus far for the Energy of the Aspects Planetary, Simple and Complicate, which last Member required a distinct Chapter by it self, but the Intricacy of the Speculation is such, that it will not come to its turn, as yet, to be the Subject of our Discourse. The Zodiack and its Signs and their Degrees perhaps with the Equinoctial, the Two Tropicks, the Horizon, the *Meridian*, &c. are to be premised, with all those Glorious Lights hanging in the Blew Veil of the Heavenly Tabernacle, though we have not left our good Reader to seek, but have shewn him that there *is*, and *must* be complication of the Aspect even there, where we seek for the Nature of the Single and Incomplicate Aspect. But is all this Paper spent, says my Friend, and am I never the near? So sometimes Ignorance is dis-appointed. The Man thought that so many Load of Bricks would Build his House, and they were all spent in laying the Foundation; here's some Foundation laid, I hope; so much we are the nearer. Well, but we have ventur'd in our Discourse to give you some Rule from the Lunar Aspects, which we call *Infalible*, as far as a Set of Years could vouch for Infalibility. But if you will be impatient, and have me fore-stall the Second Part, because there is no such Book yet in being, and Age begins to faint, be pleased to take notice; what we have said before, that the Planets lying in *immediate* order, well *distributed* through 4 or 5 Signs, are apt to bring Warmer and Moister Weather, then when they are discontinued, or lye in a lesser Arch. *Secondly*, though Planets lye in continued order, and well distributed, they shall fel-

feldom bring any Moiſture, without  $\phi$  of  $\Delta$ , ſee pag. 75. l. 10. or rather, one of the Superiours, together with ſome Lunar Aſpect. Thirdly, when the Planets are diſcontinued, that is to ſay, above 30 degrees diſtance, the Weather is the Cooler, the Dryer, the Whollſomer, a Northerly Wind is apt to blow in the Summer, and Froſt in Winter. When the Planets lye continued, without any  $\phi$  from a Superiour Planet, if the Sun riſes firſt, the Morning is the Colder, if it riſes laſt, the Warmer. For Summer, the nigher  $\Delta$  comes to the Planets well diſtributed, in the Northern Hemisphere, the Warmer is the Day; the further it recedes from them in the Southern Hemisphere, the cooler is the day.

The Planets muſt lye in Six Signs, or 5, or 4, or 3, or 2, or 1.

When the Seven Planets lye in Six Signs, for you muſt know they cannot lye in Seven, (the Seventh being oppoſite to one of the Six, muſt therefore be reduced to it.) It cannot well be cold, but it will be Cloudy, ſuſpicious. If they are comprized in 5 Signs, which way ſoever, they have their Weight, to Warm, Cloudy and commonly Wet Weather.

If in Four Signs, obſerve theſe Numbers in the Margin, 'tis no Steganography, it comes not from *Trithemius*, it denotes only the number and the order of the Signs poſſeſſed. Example, in  $\vee$  3. in  $\propto$  1. in  $\Pi$  1. in  $\otimes$  2. or in  $\vee$  1.  $\propto$  1.  $\Pi$  2,  $\otimes$  3.

If in Three Signs, mark the numbers in the Margin.

If in Two Signs, mark the numbers aſſigned. If I ſay you attend to the Planets Poſition under the Conditions before expreſſed, of Diſtance and Diſtribution, it will not repent you. You will ſee that you are in a Prognostick way, and that there wants nothing but a little Obſervation, to bring it to perfection, all the Exceptions or Failers will lye, upon the account of  $\Delta$ , and the Planet engaged to him, or immediate to him, for  $\Delta$  and  $h$  immediate, or  $\Delta$   $\Delta$ , if they lye firſt or laſt in order eſpecially, they defeat us of our Moiſture. Neither muſt we be too ſevere with theſe Rules, but reckon it ſufficient if we ſee the Effect one of the Days, though the Rule holds for two, the Rule being nakedly propoſed, without any Ties or Reſtrictions, which are neceſſary ſometime, ſeeing the Quarters of Heaven are not alike diſpoſed, witneſs the Month of *March*, which is commonly dry footed.

There remains now nothing but the Readers Favour to glance upon the *Errata*, which will drop in a Work of this Length, and uncouth Argument. Yea, before he caſts his Eye thither, let him pardon the grand *Erratum*, the Bulk of the Book.

*Sanctus, Sanctus, Sanctus, Dominus, Deus Sabaoth,  
Pleni ſunt Caeli & Terra Gloria tua;  
Hoſanna in Excelsis.*

IV Sign.

3 1 1 2.  
2 1 1 3.

III Sign.

3 2 2.  
2 2 3.

II Sign.

2 5.  
4 3.



---

## RECOGNITION.

THE Author willing to rid himself of his Cumberfome Papers, committed fome part of them to the Prefs above ten years fince, and it will be allowed by all fair-spoken Perfons, that we may rectifie an opinion, under a longer experience. What hinders, but that he may take notice of an Instance or two, which are to be read *cum grano Salis*, or to fave that Charge, to be retracted. The first of thefe, concerns prodigious Showrs of Duft and Afhes, which I fee fince, are not generated in the Air, as pag. 2. is reported, but elevated thither. Neither do I know, whether it be the more probable Opinion that the Frog is generated in the Airy Region. The Thunderbolt alfo, mention'd y 2. Cap. 2. I have been taught, is not any body aggregate of Earthly Particles, but only the dint of Harmful Lightning, call'd by that Name by the Vulgar, notwithstanding fometimes, it muft be granted that Stones have fallen from the Clouds. But the chiefest Contradiction that requires a Conciliator, is, that we make *Jove* colder than *Saturn*, pag. 29. and yet after make him a Warm Star, pag. 327. 'tis the hardefst Word in all the Scroul of Heaven, and yet if we look on it, it is writ in Capital Letters. 'Tis hard to fay, I confefs, that  $\nu$  is the Coldeft, when he is nearer than  $h$ , and to fight, greater. So there we eat our Words, and let  $h$  be the Coldeft, for his remote diftance, and his lefs Diameter. All this while we fpeak of Cold in a Comparative Senfe, not denying, but what is comparatively Cold, may be absolutely Warm. So  $h$  himfelf is Warm too: and the Cold we impute to a ftate of Defertion, for reckon  $h$ 's diftance as high as you please, in  $\delta$  to the  $\odot$  in Summer Signs, unlefs in ftate of Defertion, he's a warm Planet. 'Tis but a folly to difsemble, in all Cold Winters  $\nu$  acts his part as well as  $h$ , and the moft Prodigious Winters fucceed under their mutual Aspects. So let  $\nu$  be the next Cold to  $h$ . Nay, I muft fpeak all; whofoever deals in Prognostick, fhall find  $\nu$  to be a Refifter of Moisture, more than any; and how fhould  $\nu$  be dryer than  $h$ , and notwithstanding have no Title to be efteemed Colder, let greater Men determin: Sure all diftinct minute Prognostick fuppofeth  $\nu$  to be dry and cool, and the Planetary Influence acknowledges it, as is remarked in the foregoing Treatife.

---

*Addend. Pag. 377. lin. 33.*

Of this we have had too late a Proof in the fad Floud at *Hamburgh*, Dec. 7. 1685. where there is a notable Co-incidence of  $h$   $\delta$ , fo pofited with  $\odot$   $\gamma$  in the other moft critical place, the clofe of  $\tau$ , which we have wifhed thofe Countries to obferve, if they please.

---

### An Advertifement.

THE Trueft and Beft approved Weather-Glaffes, both Barofcopes and Thermometers are accurately made by John Warner, a Maker of Mathematical Instruments at the Eaft end of Portugal Row, near adjoining to Lincolns-Inn-Fields, London.

*Errata.*

## ERRATA.

Page	h	⊙	Page	Page
45.	l. 34. $\ddagger$ Fiery, being.	⊙.	176.	l. 36. <i>Elbe</i> .
59.	l. 20. <i>expect</i> .	⊙.	—	l. ult. 1618.
60.	l. c. <i>Fatal Paral.</i>	h.	—	<i>ib. N. England.</i>
id.	l. 46. no less than XLI.	⊙.	178.	l. c. <i>Bode Wet.</i>
64.	l. 23. and $\Omega$ part.	⊙.	201.	l. 40. <i>Emphyreuma.</i>
id.	l. 24. $\forall$ part of	⊙.	211.	l. 15. <i>Cables.</i>
74.	l. 32. <i>Competence.</i>	⊙.	219.	l. 10. 1532.
80.	l. 24. <i>Musical ill—</i>	⊙.	—	l. 15. 1544.
—	l. 20. <i>Chap XV.</i>	⊙.	—	l. 36. 1580.
81.	l. 10. <i>per—</i>	⊙.	219.	l. 44. 1571.
82.	l. 8. <i>Tuesday.</i>	⊙.	252.	l. 26. <i>List.</i>
92.	l. 28. <i>its.</i>	⊙.	283.	l. 30. <i>produce.</i>
101.	l. 27. <i>were.</i>	⊙.	286.	l. 27. <i>certa Rom.</i>
105.	l. 19. <i>Winchelsey.</i>	⊙.	312.	col. 2. l. 15. <i>may.</i>
107.	l. 28. <i>Mvordys.</i>	⊙.	317.	l. 13. <i>Drcught.</i>
111.	l. 43. $\ddagger$ in $\ast$ 2.	⊙.	319.	l. 36. <i>Sentiment.</i>
—	l. 44. $\forall$ , &c.	⊙.	320.	l. 26. <i>wary.</i>
112.	l. 29. $\odot$ & $\delta$ .	⊙.	321.	l. 23. <i>Topical.</i>
—	l. 30. $\delta$ .	⊙.	—	l. 31. <i>dele, and.</i>
—	l. 32. <i>oppositio.</i>	⊙.	322.	l. 45. $\odot$ in <i>Conj—</i>
113.	l. 20. $\forall$ or $\odot$ .	⊙.	—	l. 51. <i>dele the.</i>
121.	l. 28. <i>Collation.</i>	⊙.	328.	l. 39. <i>Wapentake.</i>
122.	l. ult. of the <i>Planets orb,</i>	⊙.	331.	l. 44. <i>contradled.</i>
124.	l. 21. <i>possible.</i>	⊙.	332.	l. 1. <i>dicunt.</i>
125.	l. 35. <i>Cohation.</i>	⊙.	343.	1525. $\ddagger$ 7. $\forall$ , $\forall$ 26. $\ddagger$ .
—	l. 36. <i>Velocity.</i>	⊙.	—	1527. $\forall$ in $\ddagger$ <i>princ.</i>
—	l. 37. of <i>morion.</i>	⊙.	—	1528. <i>Jun. 18. alius C—</i>
141.	§ 42. <i>its.</i>	⊙.	344.	1532. <i>Sept. 25. lege 23.</i>
144.	l. 16. <i>irritated.</i>	⊙.	—	1533. <i>July, lege June.</i>
145.	l. 10. <i>Damp July 4.</i>	⊙.	—	1540. <i>Lyc. add Stow.</i>
—	l. 14. 1577.	⊙.	—	1544. <i>lege 1541.</i>
—	l. 19. $\odot$ &c. at	⊙.	—	1546. <i>Dopp. <math>\odot</math> <math>\forall</math> in <math>\Omega</math>.</i>
161.	—Aug. 19. <i>Bedford.</i>	⊙.	345.	1559. <i>lege 1555.</i>
163.	—Apr. 9. 1670.	⊙.	—	1566. <i>lege 1556.</i>
165.	l. 32. <i>actuare.</i>	⊙.	—	Nov. 10. $\forall$ $\odot$ $\forall$ in $\ddagger$ .
174.	l. 6. <i>Snarity.</i>	⊙.	—	Nov. 20. $\forall$ $\odot$ $\forall$ .
175.	l. 12. 1622.	⊙.	—	1567. <i>add Sept. 7.</i>
—	§ 30. <i>Traders.</i>	⊙.	346.	1585. $\odot$ in <i>fin. <math>\delta</math>.</i>
		⊙.	347.	l. 14. $\forall$ $\forall$ , add $\ddagger$ $\delta$ in $\infty$ .
		⊙.	378.	l. 13. <i>dele Dext. Marg.</i>
		⊙.	—	<i>lege adjoin'd.</i>
		⊙.	384.	l. 34. <i>innavit.</i>

Page	Page
—	l. 39. <i>ad lege at.</i>
394.	l. 36. <i>one, lege some.</i>
—	l. 37. <i>dele of.</i>
395.	l. 53. 1625. <i>add, where</i>
—	<i>the Vis is decircinared</i>
—	<i>with more than one Af-</i>
—	<i>pect assistant.</i>
393.	l. 34. <i>Trangums.</i>
405.	l. 21. <i>Gondomar's.</i>
407.	l. 48. <i>it is.</i>
417.	l. 27. <i>aggravates.</i>
428.	l. 19. <i>then that.</i>
—	l. 39. <i>ammoniac.</i>
429.	l. 37. <i>immediately.</i>
442.	l. 11. <i>Boatum.</i>
443.	l. 37. <i>Sore.</i>
449.	l. 40. <i>why is it not.</i>
—	l. 44. <i>digest.</i>
—	l. 52. <i>Master, lege after.</i>
452.	l. 30, 31. <i>boatum, add, as</i>
—	<i>has been said.</i>
453.	l. 36. <i>Verilly if.</i>
454.	l. 16. <i>were.</i>
455.	l. 41. <i>so the, lege some</i>
458.	l. 28. <i>thing, lege thus.</i>
460.	l. 9. <i>protracted.</i>
404.	l. 31. <i>issued forth.</i>
500.	l. 19. <i>Midnight Officers.</i>
—	l. 20. <i>Midwifry, lege</i>
—	<i>Caprice.</i>
501.	l. ult. 1562, <i>lege 52.</i>
502.	l. 3. 1529. <i>lege 92.</i>
504.	<i>Valeriola.</i>
505.	l. c. <i>dele Birth.</i>
—	<i>Genua usque.</i>
506.	l. 35. <i>at the Midsummer</i>
—	<i>Moon.</i>
507.	l. 34. <i>with the Pleiades.</i>
508.	l. 3. <i>Specified, yea,</i>
—	<i>from our Bl Saviors time,</i>
—	<i>that's more.</i>

*Books Printed for Obadiah Blagrove at the Black Bear in  
St. Pauls Church-Yard.*

**D**OCTOR Gell's Remains ; being sundry pious and learned Notes and Observations on the whole new Testament, opening and explaining all the difficulties therein ; wherein our Saviour Jesus Christ is yesterday, to day, and the same for ever. Illustrated by that Learned and Judicious Man, Dr. Robert Gell, Rector of *Mary Aldermary, London*, in Folio.

Christian Religions Appeal from the groundless prejudice of the Scepticks to the Bar of common Reason ; wherein is proved that the Apostles did not delude the World. 2. Nor were themselves deluded. 3. Scripture matters of Faith have the best Evidence. 4. The Divinity of Scripture is as demonstrable as the being of a Deity. By *John Smith*, Rector of *St. Mary in Colchester*, in Folio.

The Case of Ministring at the Communion Table when there is no Eucharist, stated and discussed ; upon occasion of a Treatise entituled, *Parish Churches turned into Conventicles, &c.* together with some preliminary Reflections made upon two Papers in answer to that Treatise ; in 4°.

Weighty Reasons for tender and consciencious Protestants to be in Union and Communion with the Church of *England*, and not to forsake the publick Assemblies, as the only means to prevent the growth of Popery ; on several Sermons on *1 Cor 1. 10. That ye all speak the same things, and that there be no divisions among you, but that ye be perfectly joyned together in the same Mind, and in the same Judgement*, on *Heb. 10. 25.* not forsaking the assembling our selves together, as the manner of some is ; in 8° large.

The *Psalms* of King *David* paraphrased, and turned into *English Verse*, according to the common Metre, as they are usually sung in Parish Churches, by *Miles Smith* ; in 8° large.

The Evangelical Communicant in the Eucharistical Sacrament, or a Treatise declaring who is fit to receive the Supper of our Lord, by *Philip Goodwin* ; in 8°.

A Fountain of Tears, emptying it self into three Rivulets, viz. Of Compunction, Compassion, Devotion ; or Sobs of Nature sanctified by Grace, Languaged in several Soliloquies and Prayers upon various Subjects, for the benefit of all that are in Affliction, and particularly for these present times, by *John Featly*, Chaplain to his late Majesty.

A Course of Catechising, or the marrow of all Authors as have Writ or Commenced on the Church Catechism ; in 8°.

A more shorter Explanation of the Church Catechism, fitted for the meanest capacity ; in 8°. price 2 d. by *Dr. Combar*.

The true bounds of *Christian Freedom*, or a Treatise, wherein the Rights of the Law are vindicated, the Liberties of Grace maintained ; by *Sam. Bolton, D. D.*

*Fons Lacrymarum*, or a Fountain of Tears ; from whence doth flow *England's* complaint, *Jeremiah's* Lamentation, paraphrased with Divine Meditations, by *John Quarles*, in 8°.

*Gregory* Father *Greybeard* with his Vizard pull'd off, or News from the Cabal, in some Reflections upon a late Book, entituled, *The Rehearsal Transposed after the fashion it now obtains ; in a Letter to Sir Roger L'Estrange* ; in 8°.

A Reproof to the Rehearsal transposed in a discourse to its Author, by *Dr. Parker* ; in 8°

A good Companion, or a Meditation upon Death, by *William Winstanley* ; in 12°.

Select Thoughts, or choice Helps for a Pious Spirit, a Century of Divine Breathings for a Ravished Soul, beholding the excellency of her Lord Jesus : To which is added the Breathings of the devout Soul, by *Jos. Hall*, Bishop of *Norwich* ; in 12°.

The Remedies of Discontent, or a Treatise of Contentation ; very fit for these present times ; by *Jos. Hall*, Bishop of *Norwich*, in 12°.

The Curtezan unmask'd, or the Whoredoms of *Jezebel* painted to the Life, with an Antidote against them, or Heavenly Julips to cool Men in the Fever of Lust ; in 8°.

The admired piece of Physiognomy and Chyromancy, Mataposcopacy, the Symmetrical proportions, and Signal Moles of the Body fully and accurately explained, with their natural and predictive significations both to Men and Women, being delightful and profitable ; with the Subject of Dreams made plain : whereunto is added the Art of Memory ; by *Richard Saunders* ; in Folio : Illustrated with Cuts and Figures.

Observations upon Military and Political Affairs ; Written by the most Honourable *George Duke of Albermarle* ; in Folio : Published by Authority.

Modern Fortification, or the Elements of Military Architecture, practised and designed by the latest and most experienced Ingeniers of this last Age, *Italian, French, Dutch and English* ; and the manner of Defending and Besieging Forts and places : with the use of a Joynt Ruler or Sector, for the speedy description of any Fortification ; by *Sir Jonas Moore* Kt. Master Surveyor.

A General Treatise of Artillery of Great Ordinance : Writ in *Italian* by *Tomaso Morety of Brescia*, Ingenier ; first to the Emperour, and now to the most serene Republick of *Venice*, translated into *English*, with Notes thereupon ; and some addition out of *French* for Sea-Gunners. By *Sir Jonas Moore* Knight : With an Appendix of Artificial Fire-works of War and Delight ; by *Sir Abraham Dager* Knight, Ingenier : Illustrated with divers Cuts.

The



## Books sold by Obadiah Blaggrave.

The Art of War, and the way that it is at present practised in France, both for Horse and Foot; in Three parts; in 8° large.

A Mathematical Compendium, or useful Practises in Arithmetick, Geometry and Astronomy, Geography and Navigation, Embatteling and Quartering of Armies, Fortifications and Gunnery, Gauging and Dielling; explaining the *Loyalties* with new Judices, Napers, Rhodes or Bones, making of Movements, and the Application of Pendulums: With the projection of the Sphere for an Universal Dial. By Sir Jonas Moore Knight.

The Works of that most excellent Philosopher and Astronomer Sir George Wharton Baronet: giving an account of all Fasts and Festivals, observations in keeping Easter; *Apotelesma*, or the Nativity of the World of the *Epocha* and *Era* used by Chronologers: A Discourse of Years, Months, and days of Years; of Eclipses and Effects of the Crises in Diseases: With an excellent discourse of the names *Genius* and *Species*, efficient and final causes of all Comets; how Astrology may be restored from *Morinus*; in 8° large, *cum multis aliis*.

The practical Gauger, being a plain and easie method of Gauging all sorts of Brewing vessels; whereunto is added a short *Synopsis* of the Laws of Excise: The third Edition with Additions: By John Mayne.

A Table for Purchasers of Estates, either Land or Houses; by William Leybourne.

Leyborn's Platform for Purchasers and Builders; in 8° large.

Sir Jonas Moore's Arithmetick, with new Mathematical Tracts, in 8° large.

Blaggrave's Introduction to Astrology, in three parts; containing the use of an *Ephemerides*, and how to erect a Figure of Heaven to any time proposed; also the signification of the Houses, Planets, Signs and Aspects; the explanation of all useful terms of Art: With plain and familiar Instructions for the Resolution of all manner of Questions, and exemplified in every particular thereof by Figures set and judged. The second treateth of Elections, shewing their Use and Application, as they are constituted on the Twelve Celestial Houses, whereby you are enabled to choose such times as are proper and conducive to the perfection of any matter of business whatsoever. The Third comprehendeth an absolute remedy for rectifying and judging Nativities; the signification and portance of Directions; with new and experienced Rules touching Revolutions and Transits, by Jo. Blaggrave of Reading Gent. Student in Astrology and Physick; in 8° large.

Blaggrave's Astrological Practise of Physick; discovering the true way to cure all kinds of Diseases and Infirmities which are naturally incident to the Body of Man, in 8° large.

Gadbury's *Ephemerides* for thirty years, 20 whereof is yet to come, and unexpired, in 4°.

Philosophy delineated, consisting of divers Answers upon several Heads in Philosophy, first drawn up for the satisfaction of some Friends, now exposed to publick View and Examination; by William Marshall, Merch. London; in 8° large.

The Natural History of Nitre, or a Philosophical Discourse of the Nature, Generation, place and artificial Extraction of Nitre, with its Virtues and Uses, by William Clark, M. Doctorem Londinensis.

The Sea-mans Tutor, explaining Geometry, Cosmography and Trigonometry, with requisite Tables of Longitude and Latitude of Sea-ports, Travers Tables, Tables of Easting and Westing, Meridian miles, Declinations, Amplitudes, Refractions, use of the Compass, Kalendar, measure of the Earth Globe, use of Instruments, Charts, differences of sayling estimation of a Ship-way by the Log, and Log-Line Currents. Composed for the use of the Mathematical School in Christs Hospital, London; his Majesties Charles II. his Royal Foundation. By Peter Perkins Master of that School.

Mr. Nich. Culpeppers last Legacy, left and bequeathed to his dearest Wife for the publick good, being the choicest and most profitable of those secrets, which, while he lived, were locked up in his Breast, and resolved never to publish them till after his Death, containing sundry admirable experiments in Physick and Chyrurgery. The fifth Edition, with the Addition of a new Tract of the Anatomy of the Reins and Bladder, in 8° large.

Mr. Nich. Culpeppers Judgement of Diseases, called *Symoteca Uranica*; also a Treatise of Urine. A Work useful for all that study Physick, in 8° large.

Mr. Nich. Culpeppers School of Physick, or the experimental practise of the whole Art, wherein are contained all inward Diseases from the Head to the Foot, with their proper and effectual Cures: such Dyets set down as ought to be observed in sickness and in health, in 8° large.

The compleat Midwives practise enlarged, in the most weighty and high concernment of the Birth of Man, containing a perfect Directory or Rules for Midwives and Nurses; as also, a Guide for Women in their Conception, Bearing and Nursing of Children, from the experience of our English, viz. Sir Theodoret Mayn, Dr. Chamberlain, Mr. Nich. Culpepper, with the Instructions of the Queen of France's Midwife to her Daughter, in 8° large. Illustrated with several Cuts of Brasts.

Blaggraves suppliment or enlargement to Mr. Nich. Culpeppers English Physitian, containing a description of the form, place and time, Celestial Government, of all such Plants as grow in England, and are omitted in his Book called the English Physitian, printed, in the same Volume, so as it may be bound with the English Physitian, in 8° Large.

## Books sold by Obadiah Blagrove.

*De Succo pancreatico*, or a Physical and Anatomical Treatise of the nature and office of the Pancreatick Joyce of Sweet-Bread in Men, shewing its generation in the Body, what Diseases arise by its Visitation; together with the Causes and Cures of Agues and intermitting Fevers, hitherto so difficult and uncertain, with several other things worthy of Note. Written by that famous Physician *D. Reg. de Graff*. Illustrated with divers Cuts in Brafs; in 8° large.

Great *Venusunmaskt*, being a full discovery of the French Pox or Venereal Evil. By *Gideon Harvey*, M. D. in 8° large.

The Anatomy of Consumptions, the Nature and Causes Subject, Progress, Change, Signs, Prognostications, Preservations, and several Methods in curing Consumptions, Coughs, and spitting of Blood; together with a discourse of the Plague. By *Gideon Harvey*, in 8° large.

*Eleuchus* of opinions concerning the Small Pox; by *Tobias Whitaker*, Physician to his Majesty; together with problemical questions concerning the cure of the French Pox; in 12°.

The Accomplisht Cook, or the Art and Mystery of Cookery, wherein the whole Art is revealed in a more easie and perfect method than hath bin published in any Language; expert and ready ways for the dressing of all sorts of Flesh, Foul and Fish, with variety of Sauces proper for each of them; and how to raise all manner of Past, the best directions for all sorts of Kickshaws; also the terms of Carving and Sewing. An exact account of all Dishes for all seasons in the year, with other admirable Curiosities, approved by the five and fifty years experience of *Robert May* in his attendance on several persons of great Honour; in 8° large.

The Queens Closet opened, incomparable secrets in Physick and Chirurgery, Preserving, Conserving, and Canding; which was presented unto the Queen by the most experienced persons of their times; in 12° large.

The Gentlemans Jockie and approved Farrier; instructing in the nature, causes and cures of all Diseases incident to Horses, with an exact method of Breeding, Buying, Dieting, and other ways of ordering all sorts of Horses; in 8° large.

The Countrymans Treasure, shewing the nature, cause and cure of ail Diseases incident to Cattle, viz. Oxen, Cows and Calves, Sheep Hogs and Dogs, with proper means to prevent their common Diseases and Distempers, being very useful receipts, as they have been practised by the long Experience of forty years; by *James Lambert*, in 8° large.

*St. Foyne* improved, a Discourse shewing the utility and benefit which England hath, and may receive by the Grass called *St. Foyne*, and answering all objections urged against it; in 4°.

*Pharomand*, that famed Romance, being the History of France, in twelve parts; by the Author of *Cleopatra* and *Cassandra*; in Folio.

*Parthanesa*, that famed Romance.

A short History of the late English Rebellion; by *M. Needham*, in 4°.

The ingenious Satyr against Hypocrites; in 4°.

Wits Interpreter, the English *Parnassus*, or a sure guide to those admirable accomplishments that compleat the English Gentry, in the most acceptable qualifications of Discourse or Writing; in which briefly the whole mystery of those pleasing Witchcrafts of Eloquence and Love are made easie, in divers Tracts; in 8° large.

Mysteries of Love and Eloquence, or the Art of Wooing and Complementing, as they are managed in the Spring Garden, Hyde Park, and other places; in 8° large.

The Maiden-head lost by Moon-light, or the adventure of the Meadow; by *Joseph Kepple*, in Quarto.

*Vercingerixa*, a new Droll; composed on occasion of the pretended German Princess. in 4°.

*Meronides*, or *Virgil* Traversty, being a new Paraphrase upon the fifth and sixth Book of *Virgil's Aeneas* in Burlesque Verse; by the Author of the Satyr against Hypocrites.

*Gerania*, a new Discovery of a little sort of People called *Pigmies*, with a lively description of their stature, habit, manners, building, knowledge and Government; by *Joshua Barnes* of *Emmanuel Colledge* in Cambridge, in 8°.

The Woman is as good as the Man, or the equality of both Sexes: Written originally in French, and translated into English.

*Cleaveland's Genuine Poems*, Orations, Epistles, purged from many false and spurious ones which had usurped his name. To which is added many never before printed or published, according to the Authors own Copies; with a narrative of his Life; in 8° large.

Newly re-printed the exquisite Letters of *Mr. Robert Loveday*, the late admired Translator of the three first Volumes of *Cleopatra*, published by his Brother *Mr. Anthony Loveday* in 8° large.

*Troades*, a Translation out of *Seneca*; in 8°.

*Wallographea*, or the Britan described, being a Relation of a pleasant Journey into Wales; wherein are set down several remarkable passages that occurred in the way thither, and also many choice observables and notable commemorations concerning the state and condition, the nature and humour, actions, manners, and customs of that Country and People, in 8°.

*Troja Rediviva*, or the Glories of London surveyed, in an Heroick Poem, in 4°.

Wit and Drollery, Jovial Poems, corrected and amended with new Additions; in 8° large.

*Adaga Scholica*, or a Collection of Scotch Proverbs and Proverbial Phrases, in 12°. very useful and delightful.

## Books sold by Obadiah Blagrove.

The Batchelors Banquet, or fifteen degrees of Marriage, in 4<sup>o</sup>.

The Institutions, Laws and Ceremonies of the most Noble Order of the Garter; adorned with many Sculptures in Copper; by that Noble and ingenious Gentleman *Elias Ashmole*, Esq; in Folio.

The perfect Statesman, or Minister of State; wherein are briefly set forth the true Nature of the Subject, the endowment inherent to the person, the method of his Election, Institution and Reception; the object of his Office distinguished under such principles as are immediately requisite to the Establishment of a Commonweal, by *Leonard Willin* Esq; in Folio.

A Treatise of Taxes and Contributions, shewing the Nature and Measures of Crown Lands, Assessments, Customs, Poll-monies, Lotteries, Benevolence, Penalty, Monopolies, Offices, Tyths, Raising of Coins, Hearth-money, Excise; and with several interspersed Discourses and Digressions concerning Wars, the Church, Universities, Rents and Purchases, Usury and Exchange, Banks and Lombards, Registers for Conveyances, Buyers, Insurances, Exportation of Money and Wool, Free Ports, Coyns, Housing, Liberty of Conscience; by *Sir William Pette Knight*; in 4<sup>o</sup>.

England described through the several Counties and Shires thereof, briefly handled; some things also premised to set forth the Glory of this Nation, by *Edward Leigh* Esq;

England's Worthies, Select Lives of the most eminent persons from *Constantine* down to this present year 1684. by *William Winstanley* Gent. in 8<sup>o</sup> large.

The Glories and Triumphs of his Majesty King *Charles* the II. being a Collection of all Letters, Speeches, and all other choice passages of State since his Majesties return from *Breda*, till after his Coronation, in 8<sup>o</sup> large.

The Portugal History, describing the said Country, with the Customs and Uses among them, in 8<sup>o</sup> large.

A new Survey of the Turkish Government compleated, with divers Cuts, being an exact and absolute discovery of what is worthy of knowledge, or any way satisfactory to curiosity in that mighty Nation, in 8<sup>o</sup> large.

The Antiquity of *China*, or an Historical Essay, endeavouring a probability, that the Language of the Empire of *China*, is the primitive Language spoken through the whole World before the confusion of *Babel*; wherein the Customs and Manners of the *Chineans* are presented, and Ancient and Modern Authors consulted with. Illustrated with a large Map of the Country, in 8<sup>o</sup> large.

An Impartial Description of *Surinham* upon the continent of *Guiana* in *America*; with a History of several strange Beasts, Birds, Fishes, Serpents, Insects and Customs of that Colony, in 4<sup>o</sup>.

*Etheca Christiana*, or the School of Wisdom. It was dedicated to the Duke of *Monmouth* in his younger years, in 12<sup>o</sup>.

The Life and Actions of the late renowned Prelate and Soldier *Christopher Bernard Van Gale* Bishop of *Monster*, in 8<sup>o</sup>.

The Politician discovered, or considerations on the late pretensions that *France* claims to *England* and *Ireland*, and her designs and plots in order thereunto; in two serious Discourses in 4<sup>o</sup>.

The Conveyancers Light, or the Compleat Clerk and Scriveners Guide, being an exact draught of all Precedents and Assurances now in use, likewise the Forms of all Bills, Answers and Pleadings in Chancery, as they were penned by divers learned Judges, Eminent Lawyers, and great Conveyancers, both Ancient and Modern, in 4<sup>o</sup> large.

The Privileges and Practices of Parliaments in *England*, collected out of the Common Law of this Land, in 4<sup>o</sup>.

A Letter from *Oxford* concerning the approaching Parliament then called 1681. in vindication of the King, the Church, and Universities, in 4<sup>o</sup>.

The Antiquity, Legality, Right, Use, and ancient usage of Fines paid in Chancery, upon the suing out or obtaining some sorts of Original Writs returnable into the Court of Common Pleas at *Westminster*, in 4<sup>o</sup>.

*Brevia Parliamentaria Rediviva*, in 13 Sections, containing several Catalogues of the numbers and dates of all Bundles of Original Writs of Summons and Elections that are now in the Tower of *London*, in 4<sup>o</sup>.

The new World of Words, or a general English Dictionary, containing the proper signification and Etymologies of Words, derived from other Languages, viz. *Hebrew*, *Arabick*, *Syriack*, *Greek*, *Latin*, *Italian*, *French*, *Spanish*, *British*, *Dutch*, *Saxon*, useful for the advancement of our English Tongue; together with the definition of all those terms that conduce to the understanding of the Arts and Sciences, viz. Theology, Philosophy, Logick, Rhetorick, Grammar, Ethic, Law, Magick, Chyrurgery, Anatomy, Chymistry, Botanicks, Arithmetick, Geometry, Astronomy, Astrology, Physiognomy, Chyromancy, Navigation, Fortification, Dyaling, cum multis aliis, in fol.

*Cocker's* new Coppy-Book, or *England's* Pen-man, being all the curious Hands engraved in 28 Brafs Plates; in folio.

*Sir Robert Stapleton's* Translation of *Juvenals* Satyr, with Annotations thereon; in folio.

The



---

*Books sold by Obadiah Blagrove.*

---

The Rudiments of the *Latine Tongue*, by a method of Vocabulary and Grammar; the former comprizing the Primitives, whether Noun or Verb, ranked in their several Cases; the latter teaching the forms of Declension and Conjugation, with all possible plainness: To which is added the Hermonicon, viz. a Table of those *Latin Words*, which their sound and signification being meerly resembled by, the *English* are the sooner learned thereby, for the use of Merchant Taylors School, in 8° large.

*Indiculis Universalis*, or the whole Univerſe in Epitomic, wherein the names of almost all the Works of Nature, of all Arts and Sciences, and their most necessary Terms are in *English*, *Latin* and *French*, methodically digested, in 8° large.

*Farnaby's Notes on Juvenal and Persius*, in 12°.

*Clavis Grammatica*, or the ready way to the *Latin Tongue*, containing most plain Demonstrations for the regular Translating of *English* into *Latin*, with instructions how to construe and parse Authors, fitted for such as would attain to the *Latin Tongue*, by T. B. School-master.

The *English Orator*, or Rhetorical Descents by way of declamation upon some notable Themes, both Historical and Philosophical, in 8° large.

*M. Tulli Ciceronis Epistolarum Selectarum Libri tres*, in 8°.

*Fax Nova Lingua Latina*, in 8° large.

*Mapps.*

A New and exact Mapp of the whole World, with the late newest Discoveries of all the parts of *Persia*, with a Description thereof in *French* and *English*.

A new Mapp of *Oxford*.

A New Mapp of the *Royal Exchange*.

A large Mapp of the City of *London*, and its Ruines, faithfully surveyed, wherein is declared its Original, Antiquities, Monuments, Customs, Knights, according to the Ancient Charter, granted to the said City by former Kings of *England*.

An Advertisement of an Excellent Water for the Preservation  
of the Eyes.

There is sold by the said Obadiah Blagrove, a Water of such an excellent Nature and Operation for preservation of the Eyes, that the Eye being but washed therewith once or twice a day, it not only takes away all hot Rheumes and Inflammations, but also preserveth the Eye after a most wonderful manner; a Secret which was used by a most Learned Bishop: By the help of which Water he could read without the use of Spectacles at 90 Years of Age. A Bottle of which will cost but 1 s.

---

*FINIS.*

---

